

GRAIN DEALERS JOURNAL

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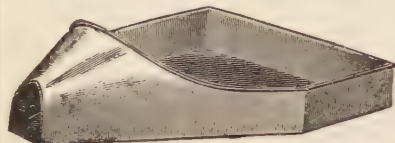
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Some of the Men I Have Met in
the Grain Business.

BY V. E. BUTLER

It takes all kinds of men to make a great nation such as this good old United States, and it also takes all kinds of men, as well as nationalities, to conduct the grain business. They have one in Omaha who declares himself to be a Swede, but his friends all call him a Swede-Jew, but to me he is an Indian, and a good one at that because he never forgets a friend.

Now, before I forget it, I have got to add some more to that nationality end of this little story. I almost forgot to say that above all he is an American. He believes in American institutions, first, last and all the time; and if his history could be written by some one who knew, it would be disclosed that he qualified as an American quite young in years by learning that great American game of chance, very much to the sorrow of the young fellows around Oakland, Nebr., and to this day if you ask any of the old-timers there if they know J. W. Holmquist, a grin goes over their face and they start right in calling him an Old Swede or an Old Jew, or That Indian, and then, "Walt! Of course, we know him. Every one here knows him and knew his father before him. Say, Walt had more devilment and more business in that dome of his than any kid we ever had in this town," and a far-away look comes into their eyes, and a smile of pleasant memories goes over their faces as they start to talk about Walt's father and the early days. Finally they get up to the time when the father retired and the boys took hold of the business of the Holmquist Grain & Lumber Co. How they worked and hustled for business and finally to the time when Walt went to Omaha almost before Omaha was a market for the products of that fertile section of Nebraska, Iowa and South Dakota, and then "Walt don't live here any more. He has gone to Omaha and they say he is doing well. Well, he deserves to do well as his word was as good as a bond." There was the key-note of his success.

It was about this time that I became acquainted with him and began to do business with him, and it was not long

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before I too was calling him a "Swede" and a "Jew" and an "Old Indian." It's a habit. Everybody's doing it. I started shipping grain to him because a Minneapolis friend said, "Try him; his word is as good as his bond."

Not long ago I was in Denver and a mutual friend said, "I buy lots of stuff of Holmquist, because I find that his word is as good as his bond." What a foundation for a business and how it grows when fed with such nourishment! There is hardly a grain man in the West who is better known and one that it is a greater pleasure to meet, for he still retains those old qualities of devilment and business in his dome that he had as a boy. He works hard and plays hard; he studies his problems and solves them. He has built up an organization that does team-work.

Walt is at the head of the Holmquist Grain & Lumber Co., with headquarters at Oakland, Nebr. He is also at the head of the Holmquist Elevator Co. of Omaha and does more business in an hour than most men do in a day, but it doesn't make any difference to him how busy he is, he always has time to say, "Hello, old man, come in and sit down." If you have the blues, unload on him for his shoulders are broad and he is always ready with some good advice, and besides, he is a born optimist. After five minutes talk you will begin to feel better. Then he will hand you a good cigar, and after fifteen minutes' talk you get up and leave his office a well man.

These are some of the qualities that enter into "The Man in Business" who makes it a success, and Walt Holmquist is a success.

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GRAIN AND FEED
Brokerage and Commission
DOMESTIC AND EXPORT
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Chicago Grain & Salvage Co.
DEALERS IN
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Grain, Feed, Etc.
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GRAIN BROKERS
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R. C. BALDWIN, Mgr. BLOOMINGTON, ILL.

E. A. GRUBBS GRAIN CO.
Greenville, Ohio

Wants Correspondence with members of the Grain Dealers National in Ohio, Indiana and Illinois. We want strictly sound winter wheat, yellow shelled corn and re-cleaned white oats.

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Receivers and Shippers of
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SPROCKET WHEELS
Plain, Split or with Clutches



By comparison the best. Full line of
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Cast Iron, Steel, Rim, Wood
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All kinds



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All sizes



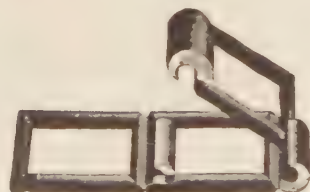
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Rubber and Leather



BOOT PANS
All sizes



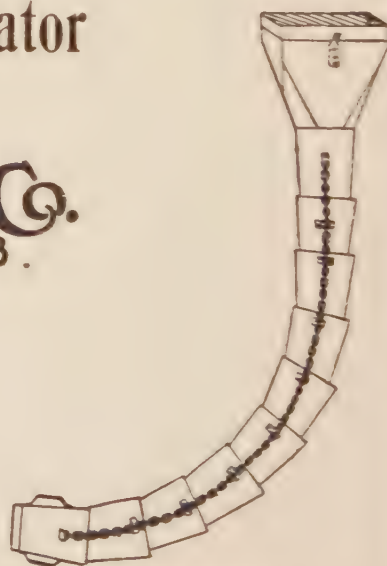
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SPROCKET CHAIN
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CAST IRON BOOTS
Adjustable. All sizes.



LOADING SPOUTS
Best material. Made in any size.

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CAN BE HAD FROM THE

American Supply Co.

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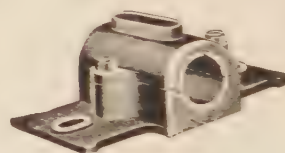
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All kinds



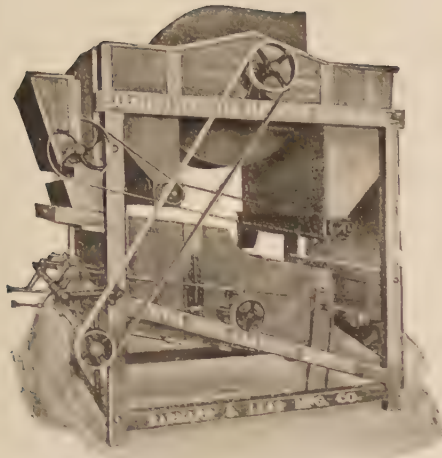
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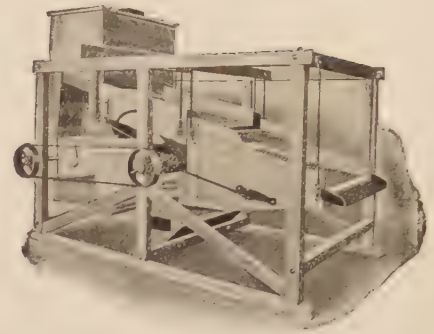


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Perfected Separator

Everything for Grain Elevators and Feed Mills



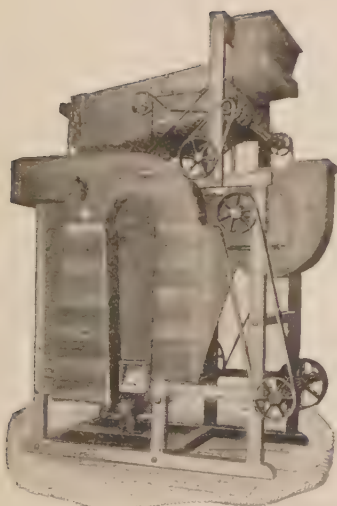
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For over 50 years we have been building this class of machinery and our line is known wherever grain is grown.

We made the first successful wheat separator, the first sieve corn cleaner, the first ball bearing feed mill, and in fact, have always been first to introduce anything of value.

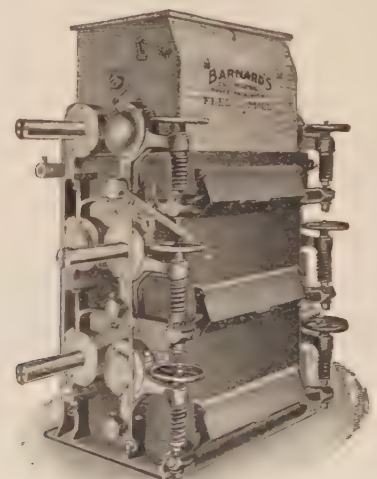
Our line includes Separators, Scourers and Oat Clippers of all kinds, a full line of Feed Mills and Corn Shellers and Cleaners, Packers, Grain Dryers, Dust Collectors and Power Connections and Supplies of all kinds.

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BARNARD & LEAS MFG. CO.
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ESTABLISHED 1860. MOLINE, ILLINOIS, U.S.A.

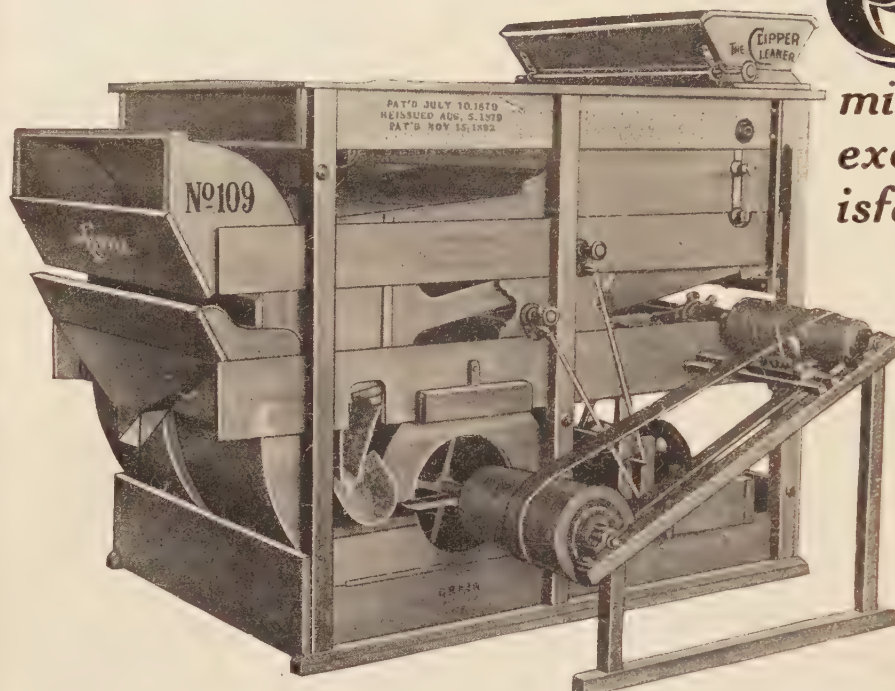


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Once Installed the

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Its service is the even, steady performance of a perfectly balanced piece of mechanism.

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The Clipper gives absolute assurance of freedom from the necessity of repairs and constant adjustment. It eliminates the loss from mechanical failures.

Clipper means satisfaction, capacity, reliability. The double cleaning—first through the screens and secondly by air weighing, affords a degree of service that is surpassed by none and equalled by few.

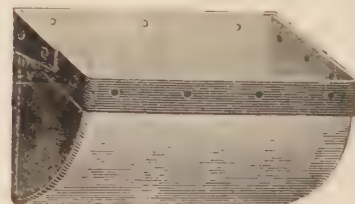
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A. T. Ferrell & Co. Saginaw, W. S., Mich.



Manlift

Complete Grain Elevator Equipment

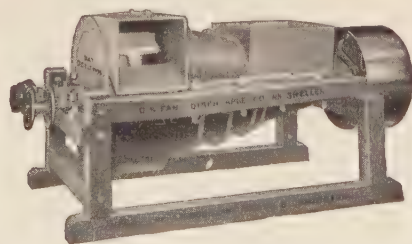


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No matter what machinery you may need to get your elevator into shape to efficiently handle this year's crop we can supply you.

The Constant line of elevator equipment comprises everything necessary from cupola to pit. That it gives satisfaction is evidenced by its widespread use and the good words of recommendation from these users.

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U. S. Corn Sheller

Our catalog No. 3 describes our entire line. A copy is yours for the asking.

The B.S. Constant Mfg. Co.
Bloomington, Illinois



U. S. Grain Cleaner



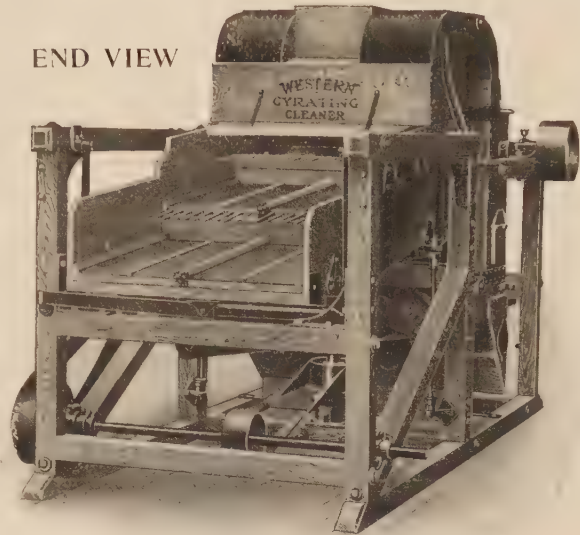
Where An Improvement Is Needed A "WESTERN" MACHINE invariably satisfies the need—for a long time

A "Western" Gyrating Cleaner
is not a luxury, it's an investment
where the dividends not only pay for
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profit on every car of grain shipped.

It isn't the quantity of the grain which brings the premium prices, it's the quality. With the enormous crop, grain buyers and receivers are more discriminating in buying grain. They want good, sound, clean grain, and are willing to pay over the market to satisfy their want. And it's the wise grain man who is satisfying that want. He has, or is installing, a "Western" Gyrating Cleaner.

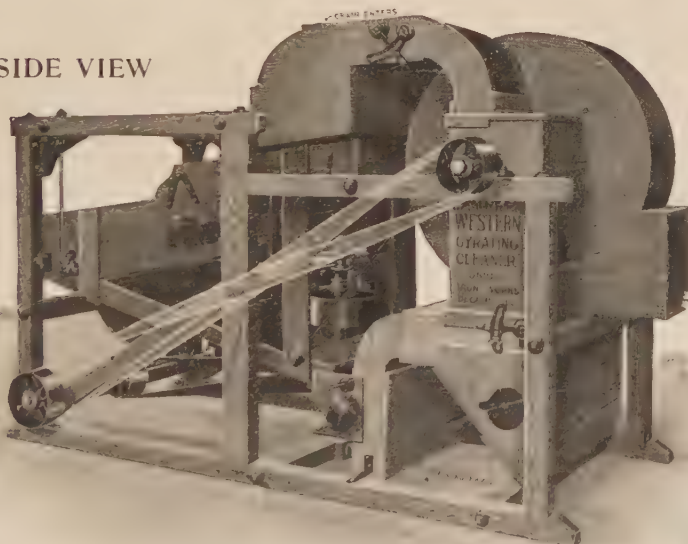
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The SATISFACTION of QUALITY remains long after the price has been forgotten. That's The "WESTERN WAY"

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Any grain cleaner will clean grain, but a "Western" Gyrating Cleaner cleans any grain best, cheapest and most satisfactory.

A "Western" cleans more grain better than any other cleaner of equal capacity on the market; better separation, better control, less vibration, greater durability, and the least expensive and most satisfactory cleaner for any grain man to install. Cleans small grains as well as corn with simple and easy changing of adapted screens.

It doesn't cost anything to know more about a "Western" Gyrating Cleaner, but it does cost a whole lot more not to.

You ought to have our book, "Everything from Pit to Cupola," for everytime reference. Let us send it to you.

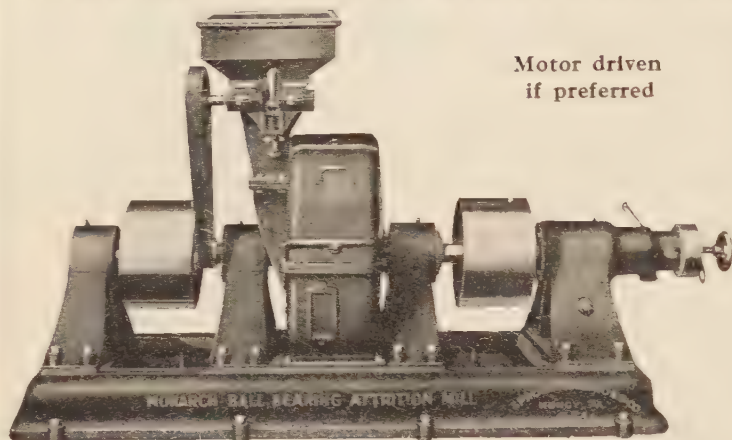
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Test Data Supplied In Proof For Every Claim

¶ From time to time we have arranged to have disinterested parties make tests of representative installations. ¶ These tests are proof positive of the claims we make and are available to anyone interested in the economy of operating.

THE MONARCH BALL BEARING ATTRITION MILL



Motor driven
if preferred

¶ We want to prove to *you* that the Monarch saves power and lubricant, that it does not require tramming and the ground product is always uniform.

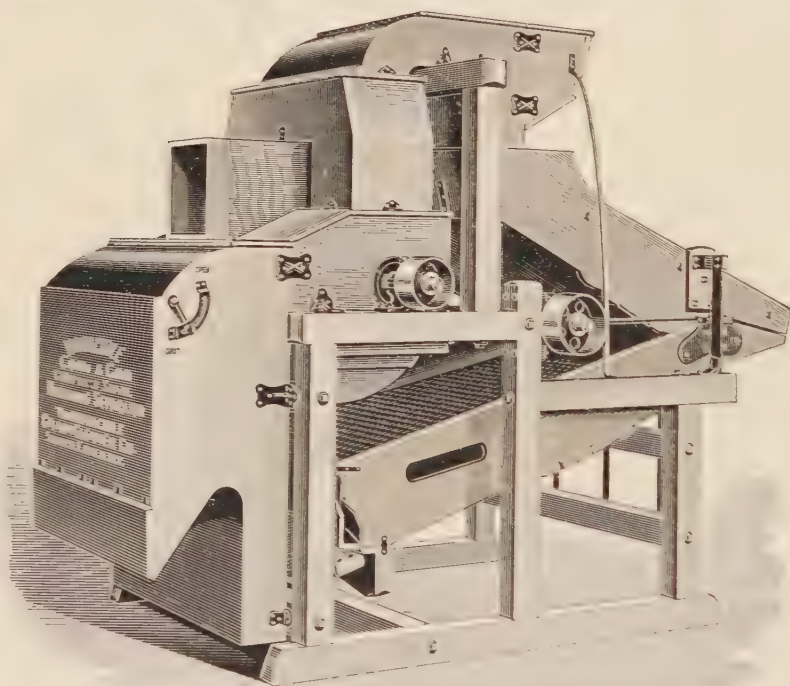
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is the corn that comes out of an

Invincible Compound Shake Corn and Cob Separator and Cleaner

It takes corn and cobs as they come from the sheller, and in a series of perfect mechanical operations delivers the corn separated, cleaned and graded.

Takes less power, less care and does more work with positive satisfaction.

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This machine can be equipped with the proper screens to also successfully treat wheat, oats and other grains. Write for special booklet and prices today.

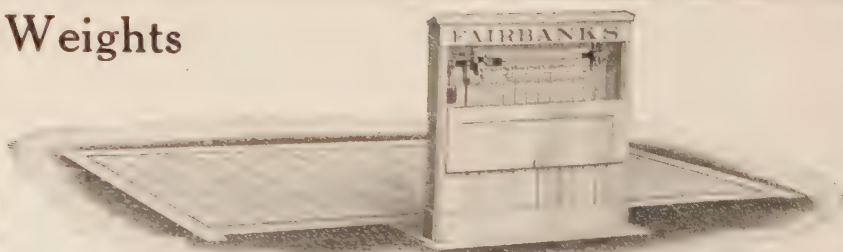
INVINCIBLE GRAIN CLEANER CO.
Dept. 4, Silver Creek, N. Y.

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This is not mere "selling talk," it is a statement of fact backed up by the performance of hundreds of J-M Asbestos Built-up Roofs in effective service for many years and still good for as many more.

The base of our built-up roofing is J-M Asbestos Ready Roofing, even one ply of which would be practically as permanent as the brick walls or any other inorganic part of a building except for wind pressures, roof movement, damage from rough usage, etc.

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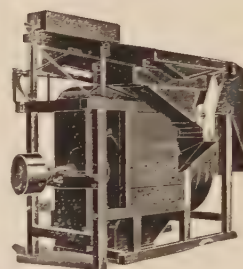
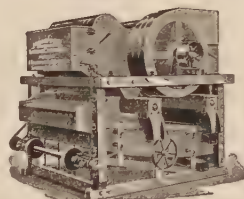
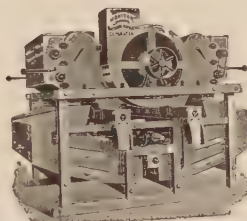
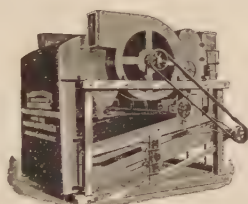
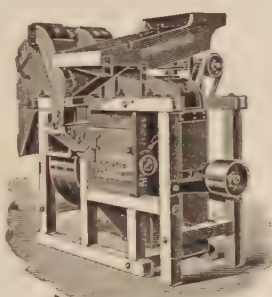
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In our 136 models is one that will fit your needs

In buying "Monitors" you have privilege of selecting from the World's most extensive line of modern, high grade grain cleaners, oat clippers and smutters. You have the benefit of our expert knowledge to assist you in the proper selection of a machine that will suit your requirements to a nicety. This is one point in buying you cannot afford to overlook—it means much. Our literature cheerfully sent—we will be pleased to discuss your requirements with you.

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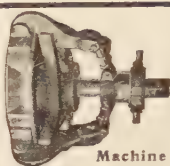
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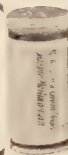
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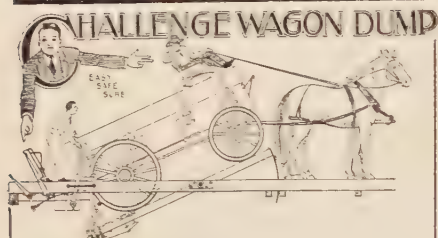
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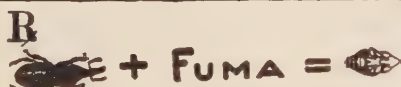
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FORM 222 C. O.

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Grain Dealers Journal,

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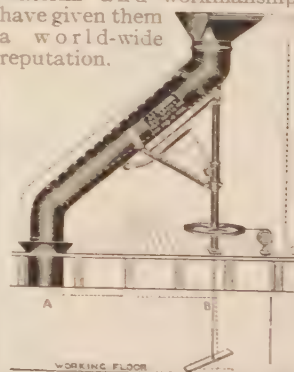
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The Patent Flexible Chain Telescope Car Loading Spout is the best, yet cheapest, as it will outwear two ordinary flexible spouts. Made of special metal.

Every spout guaranteed as represented.

The Latest Improved Distributing Spouts

will absolutely prevent the mixing of grain. The best of material and workmanship have given them a world-wide reputation.



Don't accept those "almost as good." For satisfaction, get the genuine, made by

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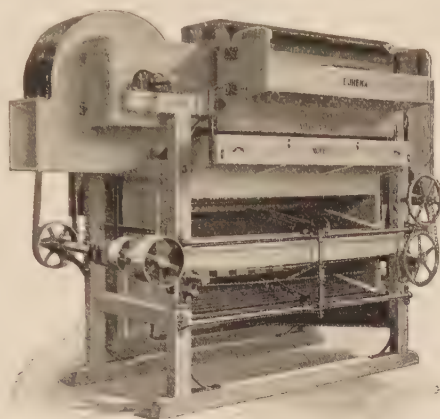
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Shows at a glance the cost of any number of pounds of coal or hay at any price per ton from \$1.00, \$1.25, \$1.75, \$2.00 and so on to \$14.00. Well printed on good paper, and bound in cloth; marginal index. Size 4 1/2 x 8 1/2 inches, 110 pages. Price \$1.00.

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Mr. GRAIN MAN or MILLER it's up to you
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INVESTIGATE. Install a RICHARDSON OAT
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SEND US a pound sample of your OATY wheat or SCREEN-
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Get RIGHT with the profit side of your Ledger, HERE IS
AN INSTANCE of the WISE man.

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Gentlemen:—"After using your Oat Separator for about
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TWENTY TIMES over since we have had it."

Yours very truly,

DENTON MILLING CO.

This is only one of the many letters we receive in unanimous
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YOU cannot afford to be without a RICHARDSON. Get
BUSY. DO IT NOW and be prepared for the coming season.

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Determine the exact dockage of every load of wheat

THE EMERSON OATS FROM WHEAT TESTER

eliminates all guesswork in dockage, and saves all the wheat.

Over 3,000 elevators now using this tester.

The EMERSON is the most convenient and satisfactory wheat tester made. The saving in wheat, time, mistakes and money soon pays for the Emerson. Write today for further particulars and list of users.

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Dust Collector

On that Grain Cleaner Fan.

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GROW HEALTHY STOCK

Crush ear corn (with or without shucks) and grind all kinds of small grain.

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A new and improved basket in sizes from a bushel up.

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The best work—quick service.

Write us for Catalog and Prices on anything you need.

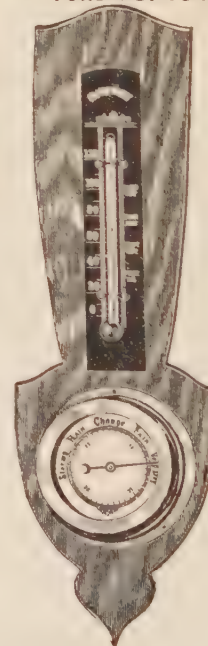
The
Strong-Scott Mfg. Co.
MINNEAPOLIS, MINN.

Northwestern Agents for

Invincible Grain Cleaners,
Richardson Automatic Scales,
Knickerbocker Dust Collectors

WEATHER BUREAU

FORECAST 18 HOURS IN ADVANCE



A new instrument which combines an accurate thermometer and a reliable barometer.

Invaluable to the shipper and the farmer and to everybody who must be able to know in advance what the weather will be.

FORECASTS WEATHER
WEATHEROMETER
HOURS IN ADVANCE

Ideal for Summer Homes and Cottages, Automobilists and Travelers.

Formerly sold at \$3.00
NOW \$1 SEND US NO MONEY

Send your order and Weatherometer will be sent by Parcel Post, C. O. D. \$1 bill can be enclosed if you prefer.

Guaranteed to be Satisfactory.

GERMANIA
INSTRUMENT CO.
Dept. 50, 618 Mallers
Bldg., CHICAGO, ILL.

There is no better time to advertise than the present. Better start before your competitor. Write the JOURNAL today.

The Automatic Dump Controller



Every Elevator Owner, wishing to operate a Modern and Up-to-Date house, should not miss the opportunity of purchasing one of our Automatic Dump Controllers.

They are shipped on trial, and are guaranteed to give satisfaction.

Circulars sent upon request. Write today. Do not delay.

L. J. McMILLIN

523 Board of Trade Bldg.

Indianapolis

Indiana

A Wonderful Investment for an Elevator The ENGLEHART FLEXIBLE SPOUT HOLDER and CAR LOADER

Saves dockage, time, labor, health and money.
Hundreds now in use in 20 states.

Lowest prices on Flexible Spouting, Car Liners, Grain Cleaners, Corn Sieves, Perfection Portable Metal Grain Bins, Electric Motors for Power and Light, Belting Cups and all supplies.



Write for our new catalog.
L. E. TAYLOR & CO.
316 Flour Exchange
Minneapolis, Minn.

If you have a good thing

Tell the Grain Dealers—
They'll do the rest—

Advertising is the quickest and best way—but it must be the right kind of advertising.

If you have spent your good money without satisfactory results, it's a case of wrong article or wrong advertising.

The easiest, most direct, most popular and most effective way to the grain dealer is The Grain Dealers Journal route.

Try it.

Grain is actually improved by its passage through a

MATTOON CAR LOADER AND GRAIN CLEANER

The grain being carried by a regulated air force, naturally the lighter matter such as chaff, dust and straw would be carried out by the spent air, and the clean grain lodge in the car.



Send for full particulars today

Mattoon Grain Conveyor Co.
Mattoon, Illinois

Grain also traveling in a cool air current would naturally become cooled.

The loading spout travels continuously in a semi-circle. This insures even distribution and perfect stirring of grain.

Bear in mind that the Mattoon unlike any other, loads the car to full capacity, does not mill or crack the grain, is strong, durable and works automatically.

2500 BUSHELS AN HOUR

The Hasenwinkle Grain Co. of Heyworth, Ill. (Mr. Hollis, Mgr.) have been loading oats with their new Boss Air Blast Car Loader, at the rate of 2500 Bushels an Hour.

Each car is loaded all the way to the roof without any shovelling whatever. Since using this loader their corn has been grading No. 2 instead of No. 3.

Will YOUR loading system do this?

By means of a simple improvement we have doubled the capacity of this loader without increasing the necessary Horse Power or Speed. No forced-feed device used, or needed.

No man who is in the grain business to make money out of it can afford to delay in getting full data on this most modern method of loading grain. No elevator is strictly up to date without this Boss Air Blast Car Loader. CANNOT injure the grain—in fact RAISES the grade.

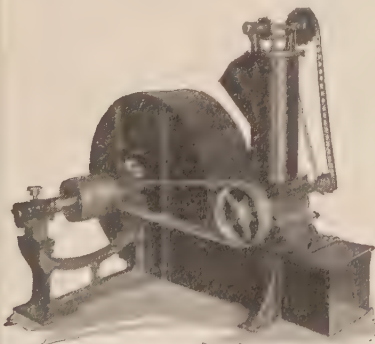
There is no longer any sound reason why an elevator should be built excessively high just to get fall enough for gravity loading when the Boss Air Blast Loader will handle the grain twice as fast and do it with less Horse Power. And it will load any kind of Grain even the lightest oats, filling car all the way to roof. No gravity system will do this. Ask your contractor or jobber about this remarkable loader or write us today for catalog. It will certainly pay you.

MAROA MFG. CO., Dept. G, Maroa, Ill.

Improve Your Grain

by having it handled through Bernert Pneumatic machinery. It is without question that no matter in what condition the grain reaches you, it will be highly improved if handled directly by a strong current of air, and this means to have it elevated by a

Bernert Pneumatic Elevator



instead of the old bucket system. Further it means the return of big profits to you, the more the inferior the grain you have to handle. The strong air current combined with the friction produced by the rapidly moving grain, each kernel rubbing against the other will give an entirely different look to dirty, musty, new and damp grain and therefore an entirely different grade. The Bernert Pneumatic Conveyor and Track-loader will load your car several hundred feet, whether it is on the level or from the basement of your elevator. Positively no grain injured. For further information write to

Bernert Mfg. Co.

759 33rd St.,

Milwaukee, Wis.

DO IT NOW

Place your name and business before the progressive grain elevator men of the entire country by advertising in the Grain Dealers Journal. It reaches them twice each month.

GRAIN ELEVATOR BUILDERS

R U
going to build or remodel? If so, write.
D. F. HOAG & CO.
Contractors and Builders of
GRAIN ELEVATORS AND WAREHOUSES
202-4 Corn Exchange, Minneapolis, Minn.

MACDONALD ENGINEERING CO.
DESIGNERS AND BUILDERS OF
GRAIN ELEVATORS
MONADNOCK BLDG. CHICAGO, ILL.

B. J. CARRICO
1541 Commerce St., Ft. Worth, Texas
Designer and Contractor of
CONCRETE and WOOD
Elevators and Flour Mills

**ELEVATOR
CONSTRUCTION
SPECIALIST
SINCE
1881**

"HAVE IBBERSON BUILD IT"
Write
For Our
New Booklet
T. E. IBBERSON
MINNEAPOLIS, MINN.

**Southwestern Engineering
Company**

Designers and Builders of

**Modern Fireproof Mills
and Grain Elevators**

Springfield, Missouri



When Better
Elevators are
built, Burrell
will build them

Ask those who have them.

Over 600 in use today.

**Burrell Engineering &
Construction Company**

1102-S WEBSTER BLDG., CHICAGO
Opp. Board of Trade

714 Federal Bldg., Des Moines, Iowa.
111 W. North St., Indianapolis, Ind.
100 State Bldg., Hutchinson, Kan.
Box No. 115, Salt Lake City, Utah

FREE

To interested parties in the South-
western Territory, this booklet
giving the complete costs of
Thirty-eight Country Elevators.



Mailed to other
parties on receipt
of 50c.

WHITE STAR CO.

BUILDERS
OF GOOD
ELEVATORS

Owners of
The Pelkey Construction Co.

Wichita, Kas.

Duplicating Scale
Ticket Book

No. 402 is designed especially for country dealers who
use scale tickets. It is a book 6 1/2 inches, check bound
in heavy board covers. It contains 200 sheets, 100 white
sheets being inter-cased with 100 manila sheets. On one
side of the white sheets are printed 8 scale tickets and the
sheet is perforated so that each ticket can easily be re-
moved. Each ticket is printed, ruled and spaced for the
following information: Date; Sort of; Price per Cwt; Price
per bu; Driver in; Gt. Gross; Tare and Net Lbs.; Net
Bus. Weight. A sheet of carbon is placed between the
white and manila sheets, so that the weigher tears out a
ticket and gives it to each driver, retaining a carbon copy
of it. 800 tickets in each book. Price \$1.00.

Grain Dealers Journal

515 La Salle Street,

CHICAGO, ILL.

Canadian Government Grain Elevator

Port Arthur, Ontario

Capacity 3,500,000 Bushels

The Last Word in GRAIN ELEVATORS

Designed and Built by

Barnett-McQueen Co., Limited

OFFICES { FORT WILLIAMS, ONT.
DULUTH, MINN.
MINNEAPOLIS, MINN.



We have induced reliable advertisers to talk to you.
If they interest you, mention that you saw it in The

Grain Dealers Journal

GRAIN ELEVATOR BUILDERS

Grain Elevators

of any size and any type

Designed and Built for

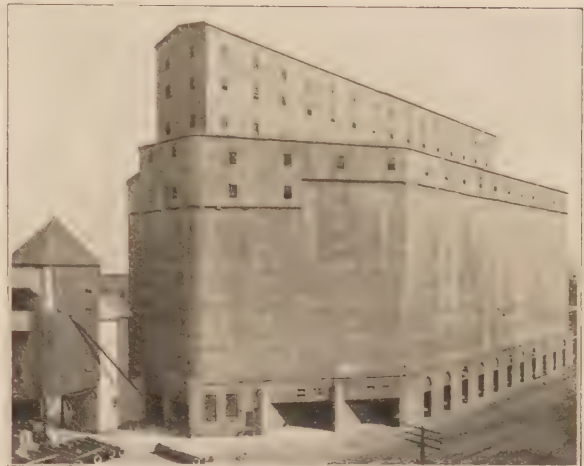
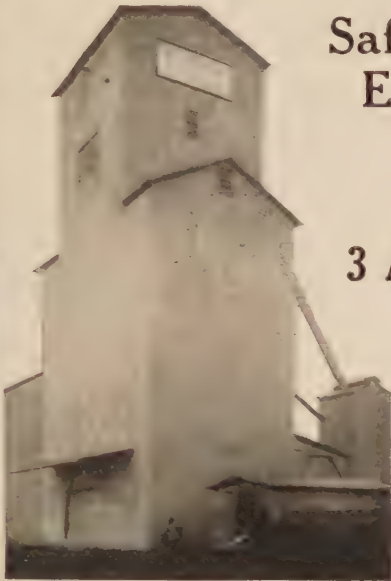


Safety,
Economy,
Utility

THE
3 AMERICAS
CO.

Builders of
Better
Elevators

122
S. Michigan Av.
CHICAGO



HARBOUR COMMISSIONERS OF MONTREAL
1,500,000 Bushel Addition to
Elevator No. 1

Receives from vessels and cars. Ships to 19 ocean
vessel berths by more than 2 miles of shipping galleries

JOHN S. METCALF CO., LIMITED
ENGINEERS AND CONSTRUCTORS

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THE GIRARD POINT ELEVATOR
PHILADELPHIA, PA.

CAPACITY — 1,110,000 BUSHEL
The Most Rapid Handling Grain
Elevator in World. BUILT BY

JAMES STEWART & CO.

GRAIN ELEVATORS
BUILT IN ALL PARTS OF THE WORLD

GRAIN ELEVATOR DEPT., 15th Floor Westminster Bldg., CHICAGO
W. R. SINKS, Manager R. H. FOLWELL, Engineer



Connecting Terminal Elevator

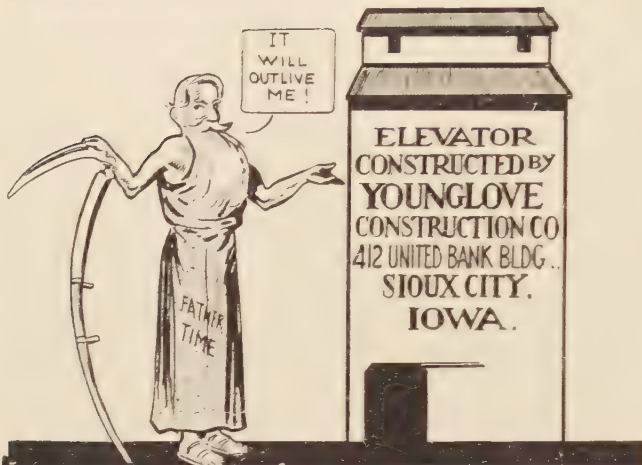
1,000,000 Bushels Capacity
BUFFALO, N. Y.

Absolutely Fireproof—Electrically Driven

Built for
Connecting Terminal Railroad Co.
by

MONARCH ENGINEERING CO.
Chamber of Commerce Buffalo, N. Y.

GRAIN ELEVATOR BUILDERS



A Reliance Owner

"a successful grain man"



The owner of a Reliance elevator handles grain on a bigger margin, because his operating expenses are lower.

Reliance Construction Co.
Board of Trade

Indianapolis - Indiana

CAR ORDER BLANKS

FORM 222 C. O. So many grain shippers are experiencing difficulty in obtaining cars, many are now keeping a carbon copy of each order for cars, in order to keep an accurate record of their efforts to obtain cars, to facilitate proving delay by railroad company and to encourage railroad agents to heed shippers' needs. Car order blanks are put up in books of fifty, with machine perforations, so that order can be torn out and sent to carrier's agent and carbon copy be retained in book. Fifty orders and 50 duplicates in each book. **Price, 50cts.**

GRAIN DEALERS JOURNAL

La Salle Street

Chicago, Ill.

WAGON LOADS RECEIVED

A book for the use of country grain buyers in keeping a record of grain received from farmers.

Its columns are designed for recording: Name, Kind, Gross and Tare, Net Weight, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book is 9½x12 inches, 160 pages, 20 lines on each page, giving room for recording 3,200 loads, printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 389. **Price, 1.50**

GRAIN DEALERS JOURNAL

315 So. La Salle Street, CHICAGO, ILL.

Quick!

Send Today

You Can't Decide Right Until You Read Our Book

Let those new plans go. Don't make that new house or storage a fire trap nightmare until you know all about

Low Cost and Fireproof Perfection Metal Bins

Then you will get a storage that keeps your grain safe from the rats—that grows as your business grows. The Perfection Metal Bin and House Construction make possible the secure storage of grain.

Read the book. All about Building the Fireproof Metal Warehouse. Buy Insurance. Perfection Metal Bins and Houses. The Perfection Standard House. How to Build—How They Are Aligned—Are Approved—How to Be Quick's success—all this and more in our new book. Write now for your copy.

Perfection Metal Silo Co.

TOPEKA, KANSAS

T. E. Ibberson, Minneapolis

G. H. Birchard, Lincoln

Burrell Eng. & Constr. Co., Chicago

The White Star Co., Wichita

POST YOUR PRICES

TODAYS PRICES	
OATS	45
CORN	77
WHEAT	101
RYE	118
BARLEY	134
CLOVERSEED	950

and stick to them. The farmer likes to know he is getting a square deal.

An attractive, convenient Bulletin for posting the prices you are bidding for grain, seeds and hay, will save you money.

The Posting Bulletin Form 1 is made of heavy No. 30 gauge steel, fashioned so that it will not rust. Top plate contains the words "TODAY'S PRICES" in bold, white type punched for screw heads. Six card holders are hung to top so as to provide room to post prices bid for different commodities.

Card holders are turned over on top and bottom clips so they will hold the cards firmly. Complete set of cards bearing the words, Oats, Wheat, Rye, Barley, Y. Corn, W. Corn, Flax, Clover, Timothy, Alfalfa and Hay; and 10 sets of digits so that the price of each commodity may be easily and quickly posted.

Order Form 1.

Size 14x19½ inches.

Price \$2.00

GRAIN DEALERS JOURNAL

315 South La Salle St.

Chicago, Ill.

GRAIN ELEVATOR BUILDERS

L. J. McMILLIN ENGINEER and CONTRACTOR of GRAIN ELEVATORS

Any Size or Capacity
523 Board of Trade Bldg., Indianapolis, Ind.

A. H. Birchard CONTRACTOR OF GRAIN ELEVATORS.

Especially Designed for Economy
of Operation and Maintenance
LINCOLN, NEB.

C. E. BIRD & CO. Grain Elevator Builders Minneapolis, Minn.

GRAIN ELEVATORS than Cramer

Satisfaction Guaranteed
W. H. CRAMER, No. Platte, Neb.

R. M. Van Ness Construction Company 404-406 State Bank Bldg., Omaha, Neb. Designers and Builders of

MODERN GRAIN ELEVATORS
Plans Submitted Correspondence Solicited
Branch Offices at
LINCOLN, NEBR., and FAIRBURY, NEBR.

S. P. Stewart & Son Bowling Green, Ohio Designers and Builders of Fire Proof Grain Elevators and Drying Houses

HICKOK CONSTRUCTION CO. ENGINEERS and CONTRACTORS for ELEVATORS FIREPROOF STORAGE Minneapolis - - - Minn.

First Class Concrete Grain Storage Construction OUR SPECIALTY Lehrack Contracting & Engineering Company 725 Gloyd Building Kansas City, Missouri

A. F. ROBERTS ERECTS ELEVATORS FURNISHES CORN MILLS WAREHOUSES PLANS ESTIMATES MACHINERY SABETHA, KANSAS

Decatur Construction Co. Incorporated Designers and Builders of GRAIN ELEVATORS COAL HANDLING PLANTS, WAREHOUSES, ETC. Correspondence Solicited 510-512 Wait Bldg. DECATUR, ILL.

W. S. MOORE
252 S. Col. Street
Frankfort
Ind.

EFFICIENT ERECTING CO.

Grain Elevators, Mill Work

Let Us Furnish You Plan

OUR EXPERIENCE IS MONEY TO YOU—WHY NOT HAVE IT?

GEO. H. CRAIG
335 Normal Park
Way, Englewood
Chicago, Ill.

The Temple-Williams Co. Designers and Builders of Grain Elevators

Estimates furnished on application.
716 Hubbell Building DES MOINES, IOWA

GRAIN ELEVATORS Designers and Builders WE BUILD THE BEST Plans and Specifications usual percentage Globe Construction Co., Lewistown, Mont.

FRANK KAUCHER & SON

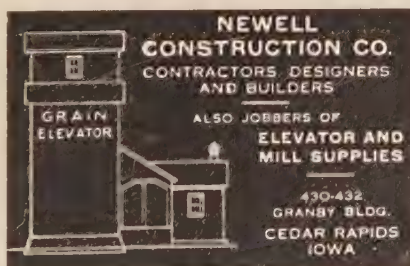
Contractors Mills and Elevators
Wood and Concrete

ST. JOSEPH MISSOURI

Henry Lesch & Co. Washburn, Ill.

Have designed and built some
of the finest elevators in
Central Illinois.

WRITE US



NEWELL
CONSTRUCTION CO.
CONTRACTORS, DESIGNERS
AND BUILDERS
ALSO JOBBERS OF
ELEVATOR AND
MILL SUPPLIES
430-432
GRANBY BLDG.
CEDAR RAPIDS
IOWA

ACCOUNT BOOKS FOR SALE
BY
GRAIN DEALERS JOURNAL, CHICAGO

THE STEPHENS Engineering Company Designers and Builders GRAIN ELEVATORS Monadnock Bldg., Chicago

Carrying money to the bank becomes a habit with Advertisers who regularly use the advertising pages of the GRAIN DEALERS JOURNAL.

How the Builders Were Duped.

Grain Dealers Journal: You have done good work, and often, by publishing your observations, and letters, exposing the cheap elevator built of poor materials, equipment, and workmanship, by CHEAP contractors. Owners of elevators, after the barn builder has collected his price and left, have discovered, at a cost of several hundred dollars, that they have been badly "done." The methods used to expose these cheap builders of CHEAP elevators has been so broad that some of them have been put out of business, even their bids of \$1,000 less than others don't get them a "bite." SOME have learned the wisdom of giving their customers a fairly satisfactory deal, and they stay in the business. Some of the cheap builders cannot learn the difference between the modern, "up-to-date" plant, and the kind built years ago. They "believe" their work is as good as the best and so convince the suckers.

There is another side to this question that has never been placed before the grain men and contractors, and I think now is a good time to advertise it. The best way to explain this is to give actual experience. In February of this year, we were corresponding with a mill company of South Dakota in regard to building three elevators. Finally receiving word it would not let contract before Saturday, giving us time to have a representative on the ground, the writer made the trip, and covered the three points, submitting plans, ideas and advice. The managers finally said they were not ready and it would be a week or ten days before they decided. I learned that three other contractors had been on the ground in response to invitations, the same as we had received from the Mill Co. After extracting all the information possible from these contractors, at a cost of \$300 to them, the mill company wrote them it had decided to erect its own elevators.

This game has been practiced quite extensively in some parts of the grain country, and is a graft that shud be exposed, the same as the cheap builder of cheap elevators.—Yours truly, J. F. Younglove, Sioux City, Ia.

EVIDENCE BY THE CARLOAD

REXALL DOUBLE-STITCHED BELTING

The Most Efficient Belt for Elevating and Conveying Service



Two Carloads Rexall Belting

Total Weight 80,000 Lbs.
Total Length - 2 Miles

The Most
Complete
Belt Stock
in the
United States

IMPERIAL BELTING CO.

General Offices and Factory, Chicago, Ill.

Write Dept. GT

We Carry
REXALL
in 1000' Rolls
from
1' to 42' Wide

There is a difference

between simply a belt, and a belt plus a big reputation.



Our elevator belting, in the end, gives the greatest returns on the investment. Used and approved by some of the largest elevators in the country. Estimates for equipments cheerfully furnished.

New York Belting & Packing Co.

91-93 Chambers Street, NEW YORK

130 West Lake Street
CHICAGO, ILL.

2nd Avenue, N., and 3rd Street
MINNEAPOLIS, MINN.

RAPIDITY

in handling the wagons of grain that come to your elevator, is one of the best ways to hold your farmer patronage. What farmer likes to stand in line with his wagon filled with grain waiting his turn on the scale, and after he gets there does he like to wait for you to sharpen your pencil and figure out the value of his load? Of course he doesn't.

As fast as you can weigh you can tell the farmers the value of their grain by simply glancing at our book — **RHODES CALCULATING SYSTEM** — which reduces pounds and bushels to dollars and cents in an instant. You can't go wrong; these calculations are absolutely correct. Better send for one of these books before the new crops begin to move. They are printed on heavy, durable book paper, well sewed, cloth binding. Sent postpaid on receipt of price, \$3.00. If not satisfactory book can be returned and money will be refunded.

ADVANCE PUBLISHING CO.

Wichita, Kansas

Elevator Man ATTENTION

Install an Automatic Drain Circulating Pump and take the responsibility away from your Agent forgetting draining the Engine.

Prevents bursting of Cylinder, accumulating of lime in the water Jacket, over heating of Engine, saves Fuel, oil and trouble.

Write for Circulars

G. G. Forester Mfg. Co.
MOLINE, ILL.

Mention This Journal

When you write to any of our Advertisers; you'll get a prompt reply.

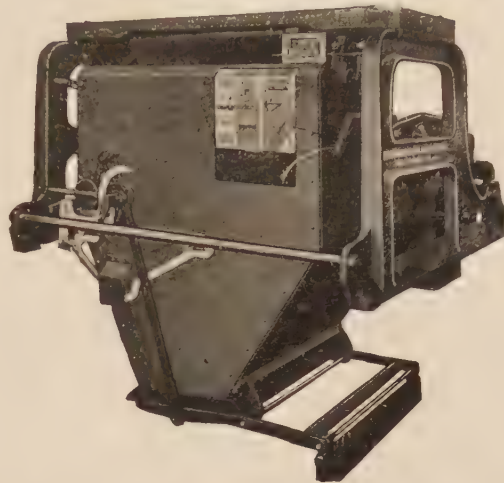
GENUINE CRUDE AND FUEL OIL ENGINES

Operates successfully on cheapest fuel oil.
Sizes 10 to 75 H. P. Stationary only.

MUNCIE OIL ENGINE CO.
Muncie, Ind., U. S. A. 20 First St.

A STANDARD NOT

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A PRICE

Richardson Automatic

Put the salesman (ours or the other fellow's) to the task. Ask him for the character of his machine. How long has it been made? How many have been sold? Where are they? What do the users say about it? Before you buy make him show you?

Richardson Scale Company

1909 Republic Bldg., CHICAGO

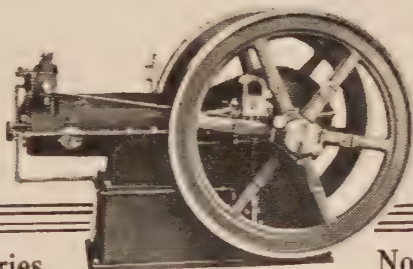
532 State Bank Bldg., OMAHA, NEB.

818 W. Emporia St., WICHITA, KAN.

413 So. 3rd St., MINNEAPOLIS

Other Offices at Passaic, N. J.; Buffalo, N. Y.;

Dallas, Texas; Atlanta, Ga.; New York, N. Y.



No Batteries

No Cranking

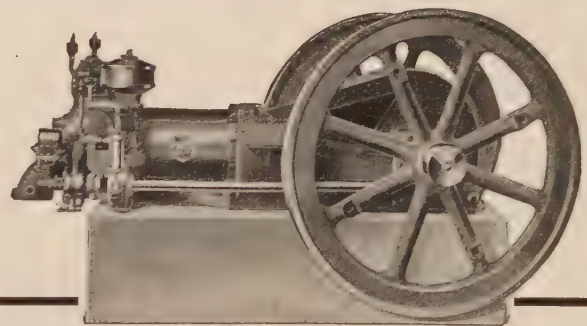
No Delays From Breakdowns

THE TROUBLES ALL LEFT OUT

To you men who have bought to regret, we suggest a careful investigation of the Lauson Gasoline or Kerosene Engine, because it is one you can depend on to do continuous hard work all the time. It will start right in the morning and stop right at night. The "Why" of it all is explained in our illustrated catalog, which is yours for the asking.

Built in all sizes from 2 to 100 H. P.

The John Lauson Mfg. Co., 65 Monroe St., New Holstein, Wis.



Success in Manufacturing

is largely a matter of careful consideration of operating costs. Wherever such costs can be lowered, it follows that manufacturing should be more successful, more profitable.

Over 100,000 OTTO Engines have proved that they produce every horse power more reliably and at a lower cost than other gas or gasoline engines. That's

why the number of OTTOS in use grows steadily.

Small OTTOS are in stock ready for immediate shipment, and larger engines can be furnished promptly. These engines are the highest examples of gas and gasoline engines manufactured.

Ask for all the information you wish, without hesitation.

The Otto Gas Engine Works

15 and 17 S. Clinton St., Chicago, Ill.

Main Office and Works, Philadelphia

OTTO Gas and Gasoline ENGINES

SET OF BOOKS for Grain Dealers

Form 380 Record of Wagon Loads Bought } PRICE, \$3.00
Form 385 Record of Car Loads Shipped

GRAIN DEALERS JOURNAL, 315 So. La Salle St., Chicago

Wanted and For Sale

The rate for advertisements in this department is 20 cents per type line each insertion

ELEVATORS FOR SALE.

SOUTHEAST NEBRASKA elevator for sale. Good territory; main line; crop prospects excellent. Write A. C. K., Box 11, Grain Dealers Journal, Chicago.

MINNESOTA—Only elevator and coal business in low town area, Rochester, Minn. year round. Power and taxes right. M. F. Helm, Route 1, Minn.

O-H-O elevator—handles 100,000 bushels and feed year-round at capacity. 1000 bushels. Write F. C. Box 11, Grain Dealers Journal, Chicago, Ill.

RIVERSIDE Elevator and Warehouses, Memphis, Tenn., between the Frisco and I. C. tracks; near business center and all freight depots; capacity 300 cars. Webb & Maury, Memphis, Tenn.

SOUTH DAKOTA—A good cribbed 100-bu. capacity elevator with good 100-bu. corn crib. Must be sold at once. Location: Tracy, S. Dak. Address: Raugust & Raugust, Energy, S. Dak.

ILLINOIS elevator for sale with 100-bu. capacity. Main line, good location and year-round business. This is a good town of 1000 and elevator is a good elevator. Also have one other elevator and located for sale. Write F. C. Box 11, Grain Dealers Journal, Chicago.

MINNESOTA—First-class elevator for sale in a Southern Minnesota town. Handling 100,000 bushels annually. Shipments from the town aggregate 100,000 bushels annually. Terms satisfactory to cash party. Must be sold at once. Address: A. C. K., Box 11, Grain Dealers Journal, Chicago.

ILLINOIS elevator 100,000 bu. cap. within 50 miles of Chicago in small town doing fine grain and coal business for sale, or will exchange for an elevator tributary to Champaign, Ill. This is a good proposition as the plant is in splendid repairs and conditions right. Address: James M. Maguire, Campus, Ill.

OKLAHOMA—For sale or lease at Muskogee, Okla., mill and elevator with well established wholesale and retail flour, feed and grain business. 25M bu. elevator capacity. 1000 bushels and more. Fully equipped. Splendid location. Fine crops. Cheap operating expense. Will exchange for clear land. Owner otherwise engaged can't operate. Address: Box 1240, Muskogee, Okla.

WISCONSIN elevator located on the right of way of C. & N. W. Bay shed, feed room, flour room, main elevator, 4 times, hopper scales 10,000 bu. capacity. Grinding room, bunks, three elevator motors. 2 ton horse power and one five ton roller, etc. Sales average \$100 to \$200 monthly price \$100. Bargain. Write Cream, Box 11, Grain Dealers Journal, Chicago, Ill.

OKLAHOMA CITY, OKLA.—Terminal elevator for sale or rent, with large storage capacity. Equipped with 100-ton track scale, 50-ton hopper scale, wagon and platform scales, corn sheller, clipper, cleaner and feed rolls. Motive power 125-H.P., one 50-H.P., one 15-H.P., one 5-H.P. electric motors. One 40-H.P. boiler to operate Hess Dryer.

This elevator is on private property with trackage on both sides and has free switching to four trunk lines.

Will make favorable terms and accept good land in part payment.

Address: J. C. Pearson, Marshall, Okla.

ELEVATORS FOR SALE.

MINNESOTA elvtr. Write H. F., Box 5, Grain Dealers Journal, Chicago, Ill.

FOR SALE—100-bu. elevator for sale. Located in N. W. 1/4 of good grain belt. 1/2 mile from town. Ill.

MINNESOTA—Elevator for sale. 100-bu. capacity. In good condition. Located in good grain country on side line one mile east of town. Minnesota. For particulars and price, write Red River Milling Co., Fargo, N. Dak.

NORTHWESTERN O-H-O elevator for sale. In town and lots with 100-bu. capacity. Handles 100,000 bushels and feed. Has 100-bu. capacity. Write Roy, Box 10, Grain Dealers Journal, Chicago, for information.

TENNESSEE new elevator in Memphis well located, fully equipped, capacity 100,000 bushels. Have had warehouse adjoining since 1900. Very good location. Will sell or lease. Write Taylor & Co., Memphis, Tenn. If interested.

SOUTH DAKOTA—One 100-bu. elevator and feed business in good town of about 400 on the C. M. & St. P. Ry. in southeastern South Dakota, located in best grain territory in the state. Write Mann, Box 11, Grain Dealers Journal, Chicago, Ill.

IOWA—Two modern elevators for sale. Located in best grain territory in northwestern Iowa. Finest prospects we have ever had. Attractive price for quick sale. Address: Tyle, Box 11, Grain Dealers Journal, Chicago, Ill.

MINNESOTA—Grain elevator for sale in good first-class condition; all hopper bottom bins and can be bought at a bargain. A good Western Minnesota town, elevator Write or apply in person to Wm. F. Converse, care Hallet & Carey Co., Chamber of Commerce, Minneapolis, Minn.

SOUTH DAKOTA—One modern and up-to-date 100-bu. elevator. Located in connection New 100-bu. elevator in Chicago. Handles 100,000 bushels annually. Best wheat and corn section in South Dakota. Splendid Ry. accommodations. For further particulars address Soo, Box 10, Grain Dealers Journal, Chicago, Ill.

ELEVATOR IN CENTRAL INDIANA with 2 acres of land and residence, for sale. Has metal sides and roof, cribbed bins, sheller and cleaner, feed grinder, motor power. In good grain belt; handle a number of side lines. Easy terms. A bargain if taken soon. Address Indiana, Box 2, Grain Dealers Journal, Chicago, Ill.

O-H-O elevator for sale. Located in good grain territory. Fully equipped. 100-bu. capacity. 1000 bushels and more. Fully equipped. Splendid location. Fine crops. Cheap operating expense. Will exchange for clear land. Owner otherwise engaged can't operate. Address: Box 1240, Muskogee, Okla.

ELEVATORS TO LEASE.

WANTED to lease elevator and hay business, coal and side lines in Indiana, Ohio or Illinois or have a few thousand to invest with services. Write Queen, Box 11, Grain Dealers Journal, Chicago.

ELEVATORS WANTED.

WILL EXCHANGE 1/2 section Perkins Co. land for elevator and lumber yard. Address: Box 366, Hettinger, N. Dak.

WANTED—Central Illinois or Indiana elevator, handling 150,000 bu. or more. Give full particulars and price. Address: J. W. Moberley & Sons, Windsor, Ill.

WANTED to buy elevator in Indiana or Ohio. Prefer one small in small country town handling side lines. Write Brake, Box 11, Grain Dealers Journal, Chicago.

FOR TRADE—160 acres of land at Kodoka, S. Dak., for elevator in northwest North Dakota. Write Roy, Box 10, Grain Dealers Journal, Chicago, for information.

WANT best paying proposition \$5,000 or less will buy; cash and quick trade on satisfactory offer. Write Frank, Box 12, Grain Dealers Journal, Chicago, Ill.

I HAVE equity in 1,250 acres of land west of Denver to exchange for mill or land or both. Must be clear. Write Frank, Box 12, Grain Dealers Journal, Chicago, Ill.

CHOOSE YOUR ELEVATOR from the many offered. Insert an advertisement in the "Elevators Wanted" columns of the Grain Dealers Journal, and select one at a satisfactory price and station.

WANTED to rent or lease an Elevator for option to buy same by good, responsible party; best of reference. Prefer location Indiana or Western Ohio. Address: Bert, Box 12, Grain Dealers Journal, Chicago, Ill.

ELEVATOR BROKERS.

SELLERS list your elevators and buyers buy your elevators thru John A. Rice, Frankfort, Ind.—Renable Broker 10 years.

ELEVATORS for sale from \$3,000 to \$25,000. Let me know how much you wish to invest in a plant and I will try and satisfy you. Have a nice line to select from and good honest propositions that are money makers. Address: James M. Maguire, Campus, Ill.

MILLS FOR SALE.

FOR SALE or ex. 100-bbl. flouring mill; steam, water power; newly equipped; R. R. siding; take farm for equity. Raby, Norwalk, Mich.

WISCONSIN mill for sale, or will trade a nice 50-barrel steam roller mill and 10,000 bushel elevator located on railroad and in good running order. Address Opportunity, Box 9, Grain Dealers Journal, Chicago, Ill.

SALT LAKE CITY 150 bbl. mill for sale or lease, city of 110,000; the center of a splendid wheat country; milling in transit efficient equipment; electrically operated; brick building, good trackage facilities in good condition. Write Giles, Box 11, Grain Dealers Journal, Chicago, Ill.

INDIANA 30-bbl. merchant and custom water power mill for sale; grinds rye, buckwheat and feed of all kinds. Doing big business. Large dwelling and barn; mill building first class; steel flume, concrete bulkhead. 20 acres of land. Best location; poor health. Robert Hanson, R. 1, Michigan City, Ind.

Every penny invested in a Journal "Wanted—For Sale" ad returns an amazing per cent of profit.

SITUATIONS WANTED.

COMPETENT MILLWRIGHT wants position in elevator. Best of references. Earl Parker, 3413 Sycamore St., Cairo, Ill.

WANT position as Grain Buyer. 15 years experience. Can handle side line. Write B. N. Box 8, Grain Dealers Journal, Chicago, Ill.

MANAGER wants position in elevator. 2 yrs. experience. 27 yrs. of age. A No. 1 references. Write Van, Box 12, Grain Dealers Journal, Chicago, Ill.

WANTED position as bookkeeper with grain firm. Experienced, capable; best of references. Write Jones, Box 12, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as manager or 2nd man of grain business; best of references; 5 years' experience. B. W., Box 9, Grain Dealers Journal, Chicago, Ill.

WANTED position as Grain Buyer of country elevator. Have had 14 years' experience; first-class references. Write N. E. H., Box 19, Grain Dealers Journal, Chicago, Ill.

WANTED position as grain buyer, seed buyer or elevator superintendent; 20 years' experience. Highest references. Address Madison, Box, 12, Grain Dealers Journal, Chicago, Ill.

OFFICE AND TRAFFIC MAN—10 years' experience in Middle West. Up on milling in transit and claims. Have complete file tariffs, etc. Now employed but desire change. Best credentials. Write Kansas, Box 12, Grain Dealers Journal, Chicago.

POSITION WANTED as Manager of an elevator by one with nine years' experience handling grain, coal and live stock. Am at present employed, but desire to make a change. Write Carr, Box 11, Grain Dealers Journal, Chicago, Ill.

WANTED position as solicitor with good reliable grain company to travel in Iowa or Southern Minn. territory preferred. 5 years' road experience and 3 years' grain experience; best of references. Write Charles, Box 10, Grain Dealers Journal, Chicago, Ill.

MANAGER wants position with Farmers or Independent company. Thoroughly experienced in the grain and lumber business. Well educated, strictly sober and reliable. At present employed, but want change to better place. References furnished. Alvin H. Young, Crane, Mont.

WANTED a position as solicitor with some good reliable Chicago grain company to travel in eastern S. Dak., Western Minn., and Northern Iowa. 15 years' experience in the grain business; best of references. Address Clare, Box 9, Grain Dealers Journal, Chicago, Ill.

WANT A JOB as grain buyer, manager of an elevator, engineer, traveling solicitor or any position connected with the grain business? If so, make your wants known to progressive grain dealers who are in need of experienced help through the "Situation Wanted" column of the Grain Dealers Journal.

BRIGHT young man who has had floor, road, buying and selling experience and has managed branch offices, desires to place himself for the coming season with a good live firm, future to be considered before salary. Can furnish best of references from past employers and bond. Write C. A. M., Box 12, Grain Dealers Journal, Chicago, Ill.

MANAGER wants position; 5 years' experience in grain business, handling lumber, machinery, feed, flour, etc., as side lines. Married; 28 years old; understand bookkeeping thoroughly; prefer position with company handling large enough business to keep second man. Iowa or Minn. preferred. References from present employers. Write M. A. N., Box 12, Grain Dealers Journal, Chicago, Ill.

SITUATIONS WANTED.

WANTED position with Farmers Elevator Company. Have 10 years' experience buying and operating grain elevators. A No. 1 references. Write Rapids, Box 10, Grain Dealers Journal, Chicago, Ill.

MANAGER wants position with Farmers Company. Have had eight years' experience in the business. State all particulars in first letter. Address E. A. D., Box 9, Grain Dealers Journal, Chicago.

WANTED position with some good grain company to travel in Neb., Iowa, S. Dak., or Minn. In the grain business 14 years and can furnish good references. Write Rye, Box 12, Grain Dealers Journal, Chicago, Ill.

WANTED position as manager of Farmers or Line Elevator. Thirteen years' experience, bonded 10 years in the same company. Wages not less than \$100 per mo. 2 in family. No bad habits. H. W. J., Box 12, Grain Dealers Journal, Chicago.

HELP WANTED.

MANAGER wanted for new 20,000-bu. elevator which will be completed Aug. 15. German preferred. Farmers Elevator Company, Minnesota Lake, Minn.

WANTED capable man to solicit grain for the Kansas City market. State age, experience, references and salary expected. Write E. D., Box 10, Grain Dealers Journal, Chicago, Ill.

EXPERIENCED HELP, such as managers for country stations, foremen, auditors and employees need in the grain business are readily secured thru an ad in the "Help Wanted" column of the Grain Dealers Journal, Chicago.

WANTED—Experienced man to operate grain elevator and lumber yard; also several good grain buyers. Norwegian or Swede preferred. State age, experience, salary expected and give references in first letter. The Rugby Elevator Company, Williston, N. Dak.

WANTED experienced manager for Transfer Elevator in Indiana; one who can take full charge of buying from Country Elevators and sell to terminal and interior trade; reference required. Give experience and salary expected in first communication. Write Ben, Box 11, Grain Dealers Journal, Chicago, Ill.

AGENTS WANTED.

SELL our guaranteed Rat Exterminator "Rat-Swat." San-O-Zone Chemical Company, Board of Trade Bldg., Kansas City, Mo.

PARTNERS WANTED.

YOU CAN SECURE a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.

EXPERIENCED MILL MAN with capital enough to buy half interest and manage a first-class corn mill of 3,000 bus. per day. Owner has reasons for selling. Mill in fine shape. J. Albert Smith, 2202 College Ave., Indianapolis, Ind.

BUSINESS OPPORTUNITIES.

FOR SALE—Best Grain and Hay Warehouse proposition in Oregon. A money maker for right party. Must sell at once. \$8,900 cash. Will stay and manage. Address Box 185, McMinnville, Oregon.

WHATEVER your business may be, it will find a ready market if advertised in the "Business Opportunities" column of the Grain Dealers Journal, Chicago, Ill. 6,100 grain men look to these columns twice a month for real opportunities.

EXCHANGE 960 acres unimproved land in Hamilton County, Kansas; 320 acres black level new land in Red River Valley, located near Dominion City, Manitoba. Want income property. Write Field, Box 12, Grain Dealers Journal, Chicago, Ill.

ENGINES WANTED.

WANTED 10 or 60-h.p. oil engine, in good condition. G. E. Hotchkiss, Minden, Neb.

ANY KIND, ANY SIZE, ANY PRICE gasoline engine which is not in use and which you wish to sell, will find many ready buyers if advertised in the "Gasoline Engines" column of the Grain Dealers Journal, Chicago. Try it.

ENGINES FOR SALE.

FOR SALE—50-h.p. Otto Gas Eng. Used 10 days. Davidson & Co., Glasco, Kan.

FOR SALE—10-h.p. Engine and 500 ft. of belting at a bargain. N. D. McEvers, Montezuma, Ill.

FOR SALE—1 No. 1, second-hand, 25-h.p. Singer & Davis Steam Engine, boiler with all pipe connections, water tank boiler, steam pump, etc. Write H. Murray & Co., Goodland, Ind.

FOR SALE—25-h.p. steam engine and 75-h.p. boiler in A No. 1 condition. Cost \$1,500; willing to sacrifice; wire offer; also 16-h.p. traction engine. I. S. Van Scholack, Sugar Grove, Ill.

ANY KIND, ANY SIZE, ANY PRICE gasoline engine which is not in use and which you wish to sell, will find many ready buyers if advertised in the "Gasoline Engines" column of the Grain Dealers Journal, Chicago. Try it.

GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.
25 H. P. Columbus.
25 H. P. Fairbanks-Morse.
22 H. P. Fairbanks-Morse.
15 H. P. Fairbanks-Morse.
12 H. P. Fairbanks-Morse.
6 H. P. Fairbanks-Morse.
4 H. P. Fairbanks-Morse.

Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

SCALES WANTED.

WANTED good second-hand fifty-bushel hopper scale; also for sale cheap good sixteen Fairbanks 22 ft. Wagon Scales. J. P. Shoemaker, Daleville, Ind.

SCALES FOR SALE.

FOR SALE—McLeod Automatic Scale, 1,500-bu. capacity; nearly new; at very low price. Condition O. K. Write today. M. P. Thielen Grain Co., Lucas, Kansas.

FOR SALE CHEAP—One Fairbanks Hopper Scale, 25,000 lbs. capacity. Write Swan, Box 12, Grain Dealers Journal, Chicago, Ill.

SECOND-HAND SCALES OF ANY make, size or price find many ready buyers if full description is given in an advertisement inserted in the "Scales For Sale" column of the Grain Dealers Journal, Chicago.

SCALES—Standard, Buffalo and Fairbanks 2,500 pounds, Dormants Refitted, \$40.00; 4-ton Fairbanks Wagon Scales, \$50.00. Overstocked. Move 'em quick; also other scales for every purpose. Write Howe Scale Co., 407 N. 4th St., St. Louis, Mo.

SAFE FOR SALE.

SAFES—Halls Rebuilt Safe, 39 inches high, 26 wide, 23 deep, spl. net \$30.00; others from \$16.00 up. Overstocked with safes and need the room. Safes repaired. Write today, Howe Scale Co., 407 N. 4th Street, St. Louis, Mo.

MATERIAL FOR SALE.

HAVING increased the capacity of our elevator we offer for sale 50 ft. of 6 in. well casing for loading spout and 100 5x10 Salem Buckets and Boot. Farmers Co-op. Ass'n, Humboldt, Iowa.

MACHINES FOR SALE.

FOR SALE—Cornwall Corn Cleaner No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Write Smith & White, Tulsa, Okla.

WANTED—Grain Dealers who are contemplating installing new machinery to use the "Machines Wanted" columns of the Grain Dealers Journal in securing prices and estimates of machines for sale. We can save you money. More than value received.

FOR SALE—Double cleaners for grain or seed. Want to close at low price. Humphreys in use by grain men to their entire satisfaction. Write Johnson & Field Mfg. Co., Racine, Wis.

FOR SALE—No. 4 Power Monitor Mills for Seed and Grain, originally cost \$700, made at Silver Creek, N. Y., in good working condition, capacity of Clover 40 to 75 bushels each per hour with large set of screens including screens for Alsike and Timothy. Price \$150 each. Write to C. J. Toledo.

Also 1 Buckhorn machine made at Jerseyville, Ill., practically new, price \$100. W. H. Morhouse & Co., 1004-1006 Second National Bank Bldg., Toledo, Ohio.

Can save and make money for you.

Entire line of remodeled guaranteed 2nd hand machinery must be sold within 30 days. Any size or make. Single and Double Head Attrition Feed Grinders and Corn Crackers. Single and Double 2 and 3 Pair High Roller Mills, Reels, Packers, Grain Cleaners, for all purposes. Boilers, Motors, Water Wheels, Burr Mills, Crushers, Shellers, etc. Can supply anything new or 2nd hand for Flour or Feed Mill, Grain Elevator, etc. Satisfaction guaranteed. Write for Prices at Once.

George J. Noth,
9 South Clinton St., Chicago, Ill.

96% EFFICIENCY IN CRACKING CORN.

Our Method—We have devised a new method for making cracked corn which will give you 96% efficiency and at the same time give you a product that is even and unexcelled in quality. In fact, we steel cut every kernel of corn instead of grinding them, which eliminates the fine or undesirable product to 4 per cent. Our method is not only for corn but is adapted for Wheat, Rye, Barley, Rice, Peas, Kaffir Corn, etc., also cutting the grains to any degree of fineness desired.

By using our special corrugation we increase your capacity 25% more than at present, with 20% less power and give you a finished product superior in every detail.

It pays for itself—Taking into consideration the power saved, the increase in capacity afforded, the extra quality in product made, and finally the elimination of almost all of fine material created under the old way (which sells for less than cracked corn) means that our method will pay for itself in a short time.

Under the old way, a cracked corn separator is necessary, but with our method for general work, this machine is not required.

The results already stated will save you money on each bushel of corn, also the extra quality of product your customers receive will please them to the end of satisfaction, which will mean more sales, larger sales and finally greater profits taking this into consideration no wide awake, energetic feed mill operator should lose any time in investigating our method. Write for information at once stating the kind of mill you now use for cracking corn.

Samples of cracked corn made by our method will be sent to any one upon request.

B. F. GUMP CO.,
431 to 437 So. Clinton St.
Flour Mill and Elevator Machinery,
Chicago, Illinois.

MACHINES FOR SALE.

FOR SALE—Dicker & Pease Separator in good condition. Closing out. Johnson & Field Mfg. Co., Racine, Wis.

FOR SALE—King Buck Horn Machine in good condition at a bargain. Address C. C. Norton's Sons, Greendale, Ohio.

MACHINES not in use can easily be sold in an advertisement in the "Machines For Sale" column of the Grain Dealers Journal, Chicago, Ill.

FOR SALE—Brand new up belt 10 x 14 and Salem 10 x 14 second-hand belt fast men pulled to all and lead pulleys. Also 40-hp. Fairbanks. Hayner Scale. E. F. Bertrand, Clements, Minn.

DYNAMOS—MOTORS

FOR SALE—Jenney Electric Motor, 50-hp., 220 volt, 47 R. F. M. complete with starter. General Electric Motor, 10-hp., 44 cycle, 1 phase, 12 volts, belt driven ball-bearing Attrition Mill. Write George D. Laing, Dixon, Ill.

ELECTRIC MOTOR for sale — 20-hp. Westinghouse, 220 volt, 25 cycle, now running; fine condition. Starting box included. \$185. H. K. Greenman, Room 1260, 58 W. Jackson Blvd., Chicago, Ill.

DYNAMOS AND MOTOR BUYERS are reached in largest numbers and less expense by offering them for sale in the grain trade's accepted medium for power bargains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

DYNAMOS—MOTORS FOR SALE.

WRITE US for prices on any motor you need.

We are also motor repair experts. We do repairs quickly and correctly. We guarantee all repair work done by us. Send your work to us, we will treat you right.

Northwestern Electric Co.,
611-15 W. Adams St. Chicago, Ill.

ADDRESS WANTED.

WANTED ADDRESS of G. S. Barnes, Jr. formerly of Wicoma, Kan., and Minneapolis. Write S. E. E. Box 14, Grain Dealers Journal, Chicago, Ill.

IF YOU know where H. E. Larson, formerly of York, S. D., is located, kindly communicate with L. L. E. Box 15, Grain Dealers Journal, Chicago.

WANTED to know the present address of Tom, Larson, formerly of Humphrey, Minn. Address Jones, Box 1, Grain Dealers Journal, Chicago, Ill.

IF YOU know where E. H. Cramer of the Cramer Construction Company, formerly at Hampton, Nebr., is located, please communicate with D. L. E. Box 7, Grain Dealers Journal, Chicago, Ill.

SOLICITORS' SIDE LINE.

WANTED men calling upon grain shippers to carry small work needed by every grain firm. Easy sales, large commissions. Address W. B. Granger, 304 Traders Bldg., Chicago, Ill.

AUTOMOBILES.

AUTOMOBILE BARGAIN.

FIVE-PASSENGER touring car, with room for two additional seats; 4-cylinder. 30-H.P. Palmer & Singer 1910 model. Run 3,700 miles. Cost \$3,850. Will sell for \$1,500.00 f. o. b. Chicago. Address B.B.B., Box 7, Grain Dealers Journal, Chicago, Ill.

SECOND-HAND BAGS AND BURLAP.

FOR SALE—1000 second hand cotton grain bags, 40 lb. capacity, 120 in. long, 18 in. wide. Also 1000 burlap bags, 40 lb. capacity, 120 in. long, 18 in. wide. Write F. J. & Co., 110 Market Street, St. Louis, Mo.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand. Seamless Cotton Grain Bags, Sample Bags, Burlap, Cotton Sheet- ing, or Paper for Car Lining, etc. Wanted, second-hand bags, best prices paid.

WM. ROSS & CO., 406 N. Second St., Chicago.

Have 10,000 Bu. CHICKEN FEED WHEAT on hand

Wire or Write for Samples and Prices

HUHN ELEVATOR COMPANY

Chamber of Commerce, MINNEAPOLIS, MINN.



"NEGRO"

Our Cypher Word for 3 White Kaffir Corn or better. K. C. delivery, inspection and weights.

If you have never traded with them—you are "not in it." "Good Inspections," "Good Weights," "Quick Shipments." Whenever you are in the market try them before you buy.

"Who IS Who"
IN THE
Kaffir Corn and Milo Maize Trade?

B. C. CHRISTOPHER & CO.

KANSAS CITY, MO.

SEEDS FOR SALE—WANTED

GRAIN WANTED.

WANTED heavy, bright Montana oats and Barley. Lewis Grain Co. Chamber of Commerce, Buffalo, N. Y.

IF YOU WISH to get in touch with a large number of dealers who have grain of all kinds for sale, insert an advertisement in the "Grain Wanted" columns of the Grain Dealers Journal, Chicago.

SCREENINGS WANTED.

WANTED—Green Pea Screenings or broken Green Peas. Send sample and price. Buffalo Cereal Co., Buffalo, New York.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop, Ohio Farm feed, shelled corn and standard oats, in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

SEED CODE WANTED.

COPIES American Seed Trade Code wanted. State condition and price. Address W. B. G., Box 2, Grain Dealers Journal, Chicago, Ill.

WE BUY AND SELL

Wheat Screenings, Cane Seed, Salvage Wheat, Kaffir Corn. Write or wire for prices.

HENRY LICHTIG & CO., Kansas City, Mo.

In Seeds, Toledo Leads

Toledo is the only market where futures of clover, alsyke and timothy are traded in actively. Trades made in 50-bag lots and multiples. Usual wide range of prices during season offers investment opportunities. Further information on request.

SOUTHWORTH & CO.,
Second National Bank Building, Toledo, Ohio

THE ILLINOIS SEED CO.

CHICAGO, ILL.

WE BUY AND SELL

FIELD SEEDS

Ask for Prices. Mail Samples for Bids.

NUNGESSER-DICKINSON

SEED CO. NEW YORK, N. Y.

EXPORTERS AND IMPORTERS

GRASS and CLOVER SEEDS

A SEED DEPARTMENT WILL ADD TO YOUR PROFITS

Buy well ahead from actual wholesale seed growers to receive lowest prices on highest quality. Write today to

KELWAYS, LANGPORT, ENGLAND

Fostoria Grain Co.

SACKED GRAIN A SPECIALTY

Wire for prices Ship any line
FOSTORIA, OHIO

SEEDS FOR SALE.

FOR SALE—Parties wanting Sudan grass seed communicate with Lubbock Grain & Coal Co., Lubbock, Texas.

ALFALFA SEED direct. Samples and growers price on request. J. L. Maxson, Buffalo Gap, S. Dak.

FOR SALE—Superfine tested Perennial and Italian Ryegrasses Crested Dogtail. John Lytle & Sons, Ltd., Belfast, Ireland.

WHITE BIENNIAL SWEET CLOVER for sale. We have several grades at very low prices. O. M. Scott & Sons Co., 3 Main St., Marysville, Ohio.

SUDAN GRASS—Reliable Seed. Wholesale quantities. Advise quantity you can use for immediate delivery. Can fill straight car orders uniform seed. C. Ulery, Lubbock, Texas.

SEED BUYERS AND SELLERS can quickly sell any quantity or buy any amount or quality by making their wants known through the "Seeds Wanted—For Sale" columns of the Grain Dealers Journal, Chicago, Ill.

SEEDS WANTED.

WANTED a few hundred bags of timothy seed from Southern Iowa and Northern Mo. points. Send samples and price of seed. J. W. Richards, Ferris, Ill.

WE ARE IN THE MARKET for clover seed screenings now, and for the coming season. We will either contract for your entire output or buy your different lots by sample. It will be to your interest to confer with us before making any disposition of your screenings and low grade seeds. We will be glad to hear from you. J. M. King & Son, No. Vernon, Ind.

L. Teweles Seed Co.

Grass and Field Seeds

MILWAUKEE - - WISCONSIN

CRIMSON CLOVER

I. L. RADWANER

NEW YORK

The Toledo Field Seed Co.

Clover and Timothy Seed

Consignments solicited. Send us your samples.

Toledo, Ohio

"MAY BELL" Brand Pure Field

WE BUY SEEDS WE SELL

ROSS SEED CO., Louisville, Ky.

By concentrating your advertising in THE GRAIN DEALERS JOURNAL you can cover the Grain Dealers of the country at one cost.

Directory Grass Seed Trade

ATCHISON, KANS.

Mangelsdorf Bros. Co., The, wholesale seeds.

BALTIMORE, MD.

Buffington & Co., John J., whse. seed merchants.
Scarlett & Co., Wm. G., whse. seed merchants.

BELFAST, IRELAND.

Lytle & Sons, Ltd., John, Per. & Ital. Ryegrasses.

CHICAGO, ILL.

Dickinson Co., The Albert, seeds.
Illinois Seed Co., The, grass and field seeds.

EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

INDIANAPOLIS, IND.

Indiana Seed Co., The, Seed Dealers.

KANSAS CITY, MO.

Missouri Seed Co., who. exp. and imp.
Peppard Seed Co., J. G., grass and fld. seeds.
Rudy-Patrick Seed Co., wholesale seeds.

LANGPORT, ENGLAND.

Kelway & Son, wholesale seed growers.

LOUISVILLE, KY.

Louisville Seed Co., clover and grasses.
Ross Seed Co., field seeds, exporters.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.
Teweles & Co., L., grass and field seeds.

NEW YORK, N. Y.

Nungesser-Dickinson Seed Co., who., exp. & imp.
Radwaner, I. L., field seeds.

PHILADELPHIA, PA.

Philadelphia Seed Co., Inc., The, whse. field sds.

ST. JOSEPH, MO.

Mitchell Bros., grass and field seeds.

TOLEDO, OHIO.

The Toledo Field Seed Co., clover, timothy.

ALFALFA THE GREAT SOIL IMPROVER

It's nearly time to begin thinking about your seed supplies for fall sowing, especially alfalfa. There's going to be a good trade in alfalfa.

We are working up an advertising campaign for dealers to use with the farmer. It will get the business. We want to tell you about it.

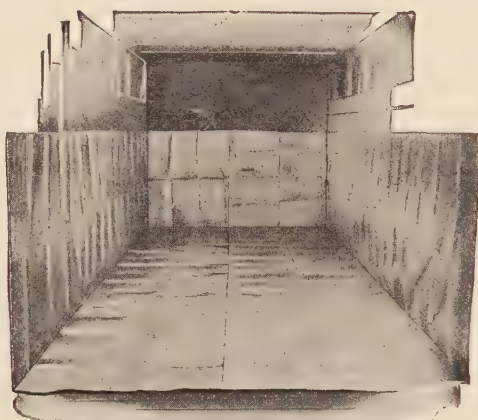
Do you receive our market cards every week?

THE
ALBERT DICKINSON CO.
Seed Merchants
CHICAGO

Gold Dollars as Railroad Ballast—

That's what it virtually amounts to when the grain you are shipping and for which you paid good hard earned money is leaking from bad order cars while in transit. Your grain—your dollars—as ballast. Save this ballast and keep the profit where it belongs. Now that grain is commanding such a high price, don't you think it a poor business proposition to ship in inferior cars without equipping them with adequate liners?

KENNEDY CAR LINERS



offer you the greatest and cheapest protection against loss of grain in transit. They stop your losses—deliver your grain in as good condition as when it left your house and eliminate all shortage disputes due to transit leakage.

Bear in mind that the prospects indicate that there'll be another big crop this year and you will be compelled to load bad order cars. Don't wait until that bad order car is on your siding—prepare now. Write today.

The Kennedy Car Liner and Bag Co.
Shelbyville Indiana

The BEALL Rotating Warehouse and Elevator Separator

Beall
THE MARK OF QUALITY

This machine is intended for cleaning wheat, shelled corn, oats, barley, rye, rice and all small grains. We offer it with the fullest confidence

that it is superior to any cleaner of its kind on the market.

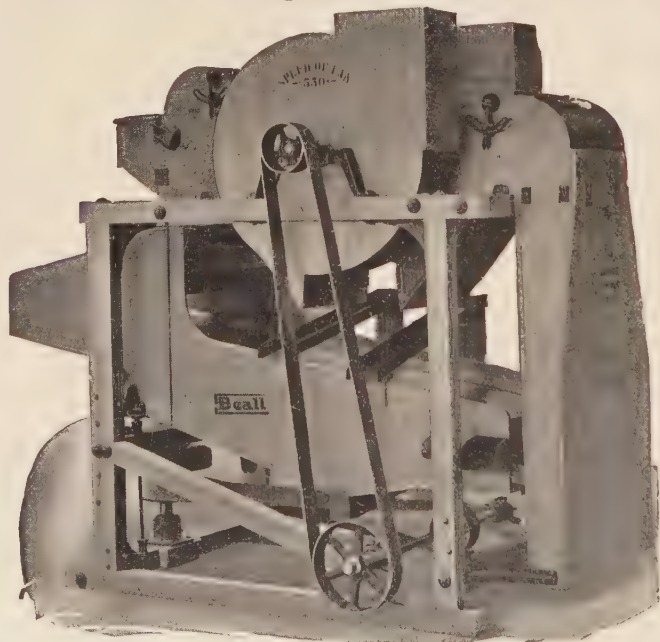
Some of Its Advantages

This Separator has four decided advantages which will instantly appeal to the man who has actual practical knowledge of what is required in a grain cleaner:

1. Rotating motion, slow speed and perfect balance.
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Decatur, Illinois



GRAIN DEALERS JOURNAL

[Incorporated]

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value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

LETTERS

on subjects of interest to those engaged in the grain trade, news items, reports on crops, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaving grain in transit, are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.

CHICAGO, JUNE 25, 1915

ENGLISH GRAIN importers who were ignored by the government in its wholesale purchases of the Indian wheat crop, have the satisfaction of knowing that the wheat could now be purchased at much lower figures than those contracted by the special agents of the government.

THE BARN BUILDER who is constantly distorting facts to make it appear that there is always room for one more elevator received a justly earned rebuke by the South Dakota Railway Commission as reported in this number. He was refused a site on railroad right of way because the point was already overcrowded with elevators.

ENTIRELY TOO MANY elevators are built to avenge an imaginary wrong, or to get even with somebody, and some near-sighted individuals are building elevators at points so near to where they are already in business as to greatly reduce the amount of grain they can possibly handle at their original place of business. Remarkable though it may seem, many of the co-operative elevators are suffering from over-competition from other cooperatives. Many of the agitators are working on a commission basis, and care little regarding the success of any co-operative company. If they can induce the farmers to put up the money, they will not hesitate to establish four, five or six co-operative companies in the same district.

COBS split longitudinally and thrown on the ground will soon rot. It would cost the elevator man less to split them than to burn them and the farmers would be glad to haul them back home if loaded into their wagons. Buy a splitter and offer fertilizer free to farmer patrons. Stop burning cobs.

DEFECTIVE ELECTRIC WIRING has caused another serious elevator fire, this time in Ohio. Buying the cheapest quality of wire which will pass muster with the city inspection departments is often poor policy, and particularly so in the elevator. Whether for feed purposes or "drop lighting" the cheapest and safest in the long run is the best, even tho it may cost the operator a little more money.

OCEAN FREIGHT RATES from the Argentine to New York are down to 18c per bu., against 27c to the United Kingdom, and Argentine corn is being offered at such attractive figures that several cargoes have recently been purchased by eastern manufacturers. With the Pacific Coast importing corn from Japan and Manchuria, it would seem that prices of American corn must necessarily be depressed by the continuation of these importations free of duty.

WEEVIL SEEM to be causing grain dealers in all parts of the country more trouble than for many years past. Hardly a week passes that we do not receive a complaint from some grain man. If all would keep their elevators and warehouses thoroly clean and free from dirt and rubbish, the weevil would not become such an objectionable pest. Where screenings and spoiled grain are permitted to pile up in dark corners, the weevil are quite sure to multiply rapidly. When once an elevator is thoroly infested with these insects, it is a very difficult matter to obtain relief from their destructive work.

THE STEAM ENGINE is doomed as an independent power producer for country elevators. The necessity of keeping up steam, in order to have power when needed, or to prevent freezing, taken in conjunction with the many state regulations adopted as the result of labor union influence, is driving steam out of all country elevators. The electric motor, the oil and gasoline engine are so much more economical and so less hazardous as a fire producer, that no country elevator man can now afford to continue the use of steam power. The cement power house illustrated in this number is complete in every particular, yet costs less than the saving in insurance, as the result of changing from steam to gasoline power and wood to cement power house. In a few years the saving in insurance will have effected a return of all money expended in changing power and constructing a new power house.

WARNING: For several years W. B. Tipton and D. F. Perdue have been collecting money from grain dealers for the Grain Dealers Journal without authority from us and without reporting to us. Repeatedly we have offered a liberal reward for the arrest and conviction of either, but they continue to get the grain dealers money. *Look out.*

WITH THE BEGINNING of a new crop a splendid opportunity is offered receivers and brokers to correct their mailing lists and bring them up to date, for the purpose of avoiding the waste of printed matter and postage on firms no longer engaged in the grain business. In some cases complained of recently by country elevator men, card bids and market information have been continued to the old addresses to the disadvantage of the new dealer.

COUNTRY ELEVATOR men who accept dirty grain at the price of No. 2 encourage farmers to pay threshermen to leave in all the dirt possible. Ohio grain dealers are insisting that the farmers require the threshers to use screens in threshing oats, otherwise they will discount receipts, to allow for the dirt. The sooner elevator men everywhere discount grain containing foreign matter, the sooner will farmers see to it that their grain is placed in merchantable condition before presenting it for sale.

"NO INSURANCE" is becoming a grievously common phrase at the end of reports of the burning of grain elevators. We have had five reports of this character recently, two within the last two weeks. An Iowa company, which depended upon the local agent to notify it when its insurance expired, must stand the entire loss. An Illinois dealer, whose elevator together with 8,000 bus. of oats and 500 bus. of corn was burned, evidently overlooked the danger of fire, so must rebuild at his own expense, if at all. Reliable insurance in mutual companies making a specialty of grain elevators is obtainable at such a low cost no dealer can afford to carry his own risk.

MISSOURI POLITICIANS, prompted solely by the desire for more sinecures, are fighting the grain exchanges of that state who supervise the weighing of grain, and making all kinds of wild threats which they will not dare to or have not the power to carry out. The grain exchanges engaged in the supervising and the weighing of grain in terminal elevators, not because they wanted the work or the places, but because country shippers insisted that a supervision be provided which could be depended upon. The shippers pay most of the bill, and so long as they do not complain of the service rendered, it ill-becomes the office-seeking politicians of Missouri to attempt to interfere.

CORN IN ALL sections of the country is very backward. In many sections it has been replanted and in others it has been under water or held back by cold weather, until many reports indicate a greatly reduced crop.

MIXED CORN will hereafter be discounted by Ohio dealers in the Miami Valley, in the hope of inducing farmers to confine their efforts to the production of pure yellow corn. The dealers have awakened to the fact that they cannot get within 3c for mixed corn what they can get for yellow corn, so will henceforth discriminate in favor of the pure variety. Every dealer who is interested in his own business and better agriculture will follow suit.

STANDARDS FOR WHEAT and oats will no doubt be presented for the consideration of the grain trade in the near future by the Bureau of Standards of the Dept. of Agriculture. The millers are now having their turn with standards for flour, and they are not taking very kindly to the arbitrary methods of the agricultural department, in fact most of them have refused to participate in the discussion of the standards and definitions with the chemist of the department. While the grain dealers were not very successful in securing the adoption of their suggestions for changes in the corn grades, still the millers should not be discouraged. They might be able to secure the adoption of standards entirely to their liking.

EUROPEAN Exchange promises to be a dominant factor in our exports during the next six months. European governments and individuals already owe this country such a large sum that none is willing to extend further credit without some reliable guarantee that payment will be made. Many orders for war material and railroad supplies are now being held up and shipments cancelled, because of buyers' inability to pay or give satisfactory guarantee of payment. European governments are loath to ship out gold. The French government recently negotiated a loan of \$50,000,000 in this country by depositing American bonds as collateral. With the warring nations burning up over \$50,000,000 a day, it seems quite reasonable that American exporters and lenders of money should be disposed to insist upon dependable guarantee of payment before any further credit is extended. The demands of American exporters for such guarantees may exercise a depressing influence on our grain markets for a time, but the fact that European importers of breadstuffs must depend largely upon the U. S. for their supplies sustains the opinion that they will eventually make satisfactory financial arrangements with our exporters, or go hungry.

AN IOWA AGENT for a line company, in commending our recommendations that elevator accidents be reduced, states that upon one occasion, when he met with an accident, he had an accident policy in a Chicago company that proved worthless when he attempted to collect the amount due him for the accident. Men working about an elevator should not depend upon wild-cat insurance for protection against want, in case of accident. There are plenty of reliable companies offering insurance at reasonable prices, so it should not be necessary for anyone to pay out good money for worthless insurance.

NORTH DAKOTA'S legislature last winter, after careful consideration of the question of establishing terminal elevators at Wisconsin or Minnesota terminals, decided that it would be unwise for the state to go into the terminal elevator business, and repealed the tax levied for that purpose. The agitators, not satisfied with the decision of the state legislature, have come forward with a petition signed by 8400 voters, for referring the bill repealing the terminal elevator tax to a vote of the people at the next general election, so it must be submitted. Whether or not the Equity Association of St. Paul will be able to induce the great state of North Dakota to build an elevator for it in Minnesota now seems very doubtful, as the people of North Dakota have come to realize that they were simply being worked for the promotion of a private enterprise.

ARBITRATION OF differences and disputes continues to gain supporters in all lines of business. A Wichita grain firm, which had a difference of \$1,000 with a shipper, has entered into an agreement with the shipper to arbitrate the difference between three disinterested experienced grain men, who have knowledge of the trade's customs and practices, and can quickly decide the case on its merits, and without inciting in either party prejudice as to future business relations. Lawyers and a judge or jury would struggle with the same case for weeks, and then be just as likely as not to render a decision not in keeping with the facts and the customs of the trade. A movement was started in Chicago recently to establish an American-Norwegian Chamber of Commerce in the important cities of the U. S., for the establishment and promotion of reciprocal trade relations between Norway and the U. S. The purpose of the Chamber, among other things, is declared to be a settlement of disputes between importers and exporters by arbitration. The business world is fast learning that disputes and differences taken into the courts are not always settled justly, hence arbitration between men who know is becoming the more popular avenue of justice.

SHIPPERS OWE IT to themselves to see that the railroad to which they entrust their grain for transportation provides an ample supply of grain doors, lumber and burlap or car liners, for placing cars in fit condition for the safe transportation of grain to market. The Interstate Commerce Commission has ruled that the railroad companies cannot reimburse country shippers for labor and material used in cooping cars, and shippers cannot afford to entrust their grain to many of the old worn out, leaking cars which will be tendered them for shipment without careful cooping, so it is up to them to insist that cooping material be provided in abundance in advance of the movement of the crop.

A TWO DAYS' conference will be held in Chicago July 7th and 8th, between the Agricultural Commission and the American Bankers' Ass'n, delegates from the agricultural committees of some forty bankers' assns., the deans of the agricultural colleges and the editors of farm papers. It is reasonable to suppose that the bankers will not adopt ways and means of educating the farmers in conducting a banking business, notwithstanding many of the individual bankers deem it the part of shrewdness to induce the farmers to engage in many different lines of business, to the great detriment of their success as farmers. The intense competition now rife in all lines of business makes it necessary that every successful business man concentrate his time and energy on some special line, or else meet with only mediocre success.

UNFAVORABLE WEATHER conditions for harvesting wheat bids certain to result in much off-grade grain being sent to market, and no doubt much of the damp wheat will go out of condition before it is unloaded. The shipper's risk of deterioration from his elevator to the inspection tracks in the terminal market is sufficient to warrant him in insisting that in case reinspection is called on any of his shipments, that he be advised of the hour and day when such reinspection is called, and when it is given. It is not fair that shipper should be required to guarantee the quality of his grain indefinitely. If reinspection is not called for and given within the time specified by the rules of the exchange controlling the sale of the grain, then buyer should assume all risks of further deterioration. Deterioration of grain after the day upon which buyer has the privilege of having it reinspected is his loss, and not the original shipper's. If the grain is *afterwards* discounted, by reason of its being graded lower by the same or any other inspection department, the shipper is not liable, because the rules of most exchanges require him only to guarantee the grade of his grain long enough to permit the buyer to have the correctness of the original inspection confirmed.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

When Is Reinspection Called?

Grain Dealers Journal: I understand that under the rules of the Chicago Board of Trade the buyer of the grain is supposed to call for reinspection by 11 o'clock of the day after he has purchased it; and I would like to learn thru the Journal what record is made of the time when the buyer calls for reinspection so that the seller may know whether or not the buyer has exceeded his rights.—T. M. Burton.

Assessments in Nebraska Uniform?

Grain Dealers Journal: I would like to hear from Nebraska dealers as to their assessments. We have a deputy assessor in Lancaster county who seems to make his own rules for taxing grain dealers regardless of state laws.

Our state law, I believe, says to divide the number of bushels of each kind of grain by 36, multiplying this by the average price for the year to find the average capital employed. However, I was assessed on money in the bank and grain on hand April 1, bringing my average capital up to over \$4,000. If the average had been found as I believe it should have been, it would have been less than \$2,000.

My competitors had no money nor grain on hand April 1 and were assessed by the local assessor with an average capital of \$600. I think it is time we combined to give Hon. Miller's authority a test. Grain dealers in other counties seem to be assessed on a uniform basis, but in Lancaster county the assessors seem to have a grudge against any man who handles grain.—H. M. Stevens.

How to Remove Lime from Water Jacket?

Grain Dealers Journal: Will the Journal please publish a method of removing the lime from the engine jacket. Our engine gets hot very quickly and I can not give the reason unless it is because the jacket has become so nearly filled with lime as to take up the water space.—J. M. Armacost, mgr. Richards Bros. & Co., Campbellstown, O.

Ans.: The deposit of lime may be removed by taking off the water jacket and using a chisel, or by dissolving the lime in a solution of muriatic acid.

In many engines the jacket is cast solid with the cylinder, and it is impossible to take it off for cleaning, but the cylinder head of the Otto Gasoline Engine can be unbolted, letting the water jacket slip off.

When the cleaning out of the water spaces has been neglected for 10 years the lime deposit may become hardened and difficult to remove. In most cases the following treatment will be effective: Take muriatic acid one part, soft water nineteen parts; and once every two weeks draw off the water from the engine and fill the jacket with the solution, allowing it to remain in over night, but not longer, as to leave the acid in too long will damage the engine. Then carefully and thoroly flush out the acid solution with clean water. The acid will soften and dissolve the lime or alkali, and the clean water will wash it out. This should be repeated every two

weeks, for if the deposits are allowed to remain too long the acid will not cut them. When the water spaces become choked the exhaust valve rapidly burns out, and an entire new one will be required.—J. R. Hughes, Chicago branch manager Otto Gas Engine Works.

Hessian Fly Attacks Rye?

The Grain Dealers Journal: I have had a discussion with some of my farmer friends as to whether Hessian fly has ever been known to attack rye. It is now working in the wheat of this section and will destroy from 5 to 10%. Does the fly ever attack any plants other than wheat?—T. S. Spencer, Afton, Ia.

Ans.: The Hessian Fly, or *Cec domyia* destructor, has been known to attack rye and barley as well as wheat. A complete history of this destructive pest, with recommendations for its prevention or extermination, appeared on page 729, Grain Dealers Journal of May 25.

Figuring of Costs Made Simple.

Grain Dealers Journal: Your article on the Cost of Handling Grain, page 809 of the last Journal, is the best yet. Figuring costs until two years ago appeared to me the most complicated and difficult proposition imaginable, and, as I believed, was the most unnecessary time consumer in the life of the grain dealer. I knew what I had paid the farmers for the grain which reposed in the elevator, and if I could dispose of that grain at a margin of from 4 to 6c there was no question but what I was making money; anything over that margin I considered velvet. True, I had no more cash in the bank than I had when I started in business eight years before, but I was making a living. It was not until a friend—the man who induced me to enter the elevator business—suddenly threw up his hands and quit the trade, a failure, that I began to investigate. I had joined the grain dealers ass'n on entering the business, and at every convention I heard speeches on the subject of costs, overhead, depreciation, interest, insurance charges, and so on, until the whole matter was to me one big mess. Those trying to inform us undoubtedly meant very well, but they were shooting way above our heads.

However, I decided to look into my own costs; get more closely acquainted with my business, and find out why I had so little money in the bank. Ashamed to make my ignorance known at the ass'n meetings, I took the bookkeeper of one of my receiving companies into my confidence, asking him what he figured it cost me to operate.

His determination of the cost was so simple, that I was astounded and kicked myself for a week thereafter because I had not found out where I stood before. There are only two big factors to consider—the total number of bus. put thru the plant in a year, on the one hand, and the money spent in handling this grain, on the other. Of course the last item is divided and subdivided into any number of parts to suit the individual dealer. These divisions always bothered me and today make many dealers believe the matter a complicated one.

Following is the result of my first year's work, tabulated to show how the results are obtained:

Total bus. handled of wheat,	
40,000, margin 4½c	\$1,800
Total corn handled, 25,000,	
margin 3½c	875
Total oats handled, 35,000,	
margin 3c	1,050
My salary	\$1,200
Wages	500
	\$3,725

Interest on \$5,000 plant.....	300
" " money borrowed	300
Depreciation of plant and	
equipment, 10%	500
Grain lost in transit, bad	
acc'ts, etc.	450
Insurance and taxes.....	125
Power consumed by motor..	95
Office incidentals, 'phone and	
charity	50
	\$3,520

I found, as you will note that it actually cost me 3½c to put each bushel thru my plant and I was pretty much surprised when I discovered that every bushel of oats had been handled at an actual loss. Accordingly the following year I conducted the business along saner lines, permitting my competitors to pay unwarranted prices for the grain if they chose. They have not gone the way of friend Bill as yet, but the more business they do the sooner I will be rid of competition. The only thing which is keeping them alive, as was the case with me until I got my senses, is their seeds dep't, their feed, coal, or other sidelines, and it is only fair to assume that these are also run in an indifferent manner tho apparently not at the loss which their grain must show.

The remedy in my case was a closer watching of the price paid for the grain and making sure that in each purchase, especially of corn, the grain was up to standard. My seeds brought in some money to help swell the bank balance for last season, but as that is a department by itself and is therefore handled separately, I will not here consider it. My advice to all dealers is that they find out right where they stand. It will be the most valuable hour or two ever put in if they use it in going over old records of the items shown.—I. G. Adam.

THE SUPREME COURT DECISIONS of the Grain Dealers Journal are very interesting, and recently this column of the paper was of much benefit to us. Asked-Answered, Grain Trade News, and the other departments are also very useful. The paper is being steadily improved.—Geo. Reinhardt, mgr., Reinhardt & Co., McKinney, Tex.

TWO CARGOES of Argentine corn were received at New York on June 18 and 19 at a price believed to be 76c, c. i. f. New York. This is from 9c to 10c less than the price of western corn in New York. With a big surplus of corn and a slight easing of ocean freights, Argentine shippers will undoubtedly find a market in the United States for a large quantity.

HONDURAS and other Central American countries are compelled to import vast quantities of corn, beans and rice due to havoc wrought by grasshoppers last season. This pest, together with one of the dryest seasons in years, caused actual famine conditions in many sections and necessitates large imports of all grain until August, when the new crops are available.

DAMAGE done by field and meadow mice to grain and other crops while still in the fields is described in Farmers Bull. 670, by the United States Dep't of Agriculture. In several localities the damage by these little pests has been estimated at \$250,000 in one season. Shrubs and small trees are often totally destroyed by the mice, which thrive on the roots. As a means of destruction the Dep't recommends trapping and poisoning, the booklet describing in detail the best methods to be used.

Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

Ex-President Jones Upholds Compulsory Arbitration.

Grain Dealers Journal: In your issue of May 25th, on page 715, you have an article headed "Compulsory Arbitration" and in the same issue on page 716, you have another article on this subject written by a Kansas correspondent.

These two articles taken together make very interesting reading, the subject being one on which there should be a thoro understanding by the entire trade, because a dealer's privilege and responsibility in connection with arbitration are essential features in connection with his business. In view of your two articles, it seems to me appropriate that a synopsis of this feature would not be out of place.

It is surprising how often you meet grain dealers who do not know their rights under Ass'n rules or their responsibility in connection with arbitration demands.

To begin with, it is my opinion that the arbitration feature of any Association would be worthless unless it were compulsory among its members. Any fair-minded man will agree on that point, and for that reason, to the best of my knowledge, it is compulsory in every organization, and in some few instances, notably the Texas Grain Dealers Ass'n, it is not only compulsory among its members, but the members are compelled to arbitrate upon request of non-members. This feature, I don't agree as being right, because in all such matters, reciprocity should prevail, and, of course, no organization could force a non-member to arbitrate at the request of one of its members, as quite naturally, it would have no jurisdiction over the non-member.

All fair-minded men will agree that where an honest difference exists between two honest men, that the fair course of settlement would be to arbitrate, but the question often arose as to whether or not, owing to local prejudice or favoritism on the part of an arbitration committee, both sides could feel absolutely sure of an impartial decision, and for that one reason, arbitration for a long time was not satisfactory.

The Grain Dealers National Ass'n recognizing this stumbling block in the way of arbitration of all differences between grain men, placed its arbitration committee at the disposal of all Affiliated Ass'ns and commercial bodies, and all the Affiliated Ass'ns have provided in their rules, and, in fact, it is part of the affiliated contract, that either party to the arbitration case is entitled to an appeal from a State Ass'n arbitration committee to the committee of the National Ass'n. That at once removed from the minds of everyone the fear of arbitration as result of confidence in local committees, because it is the universal belief, and to my mind an undisputed fact, that the arbitration committee of the Grain Deal-

ers National Ass'n is unbiased, and that its decisions are rendered on the basis of facts, rules and evidence.

This arbitration committee of the Grain Dealers National Ass'n is the supreme body in grain circles, and, in my opinion, fairness and right is guaranteed by that committee to a much larger extent than it would be through any court in the land; not that I mean to cast any reflections upon our courts, but the opinion of three unbiased men posted in all the practices in the grain trade can certainly be relied upon for greater accuracy than the opinion of any twelve men not acquainted with grain trade transactions.

It is only necessary for any man wishing to arbitrate a case to thoroly understand and appreciate his rights. If he is a member of the National or Affiliated ass'ns, he has the right to demand the arbitration. If he is a member of the National, and the other party of the dispute be either a member of the National or Affiliated member, and he will either get his arbitration or the other party would be forced out of whatever organization he was a member.

The trouble with your Kansas correspondent seems to have been, in the instances he mentioned, he merely reported his complaints to the Secretary of whatever Association he was dealing with, and had the Secretary to act in the capacity of a pleader for his cause to settle the dispute without arbitration. If he had ever written to any Secretary of any affiliated ass'n and demanded an arbitration with that affiliated member, he would have gotten his case arbitrated beyond a question of a doubt or the offender would have been expelled, and there are very few instances on record where a member of any ass'n has refused to arbitrate when it was put up to him as a final demand.

I can well understand how a shipper at some point would hesitate about arbitrating before some small exchange in a distant State on the ground of fear that he would not get an unprejudiced opinion. In a case of that kind, a request to that Exchange for arbitration with the understanding and agreement that either party would be allowed to appeal the decision to the Grain Dealers National Ass'n would most likely be granted. I say this on the ground that it would be such a just request, that no fair-minded man could fail to recognize it.

A great many Exchanges of the country have a rule in their by-laws permitting an appeal from decisions of their arbitration committees to the Grain Dealers National Ass'n, notwithstanding the fact that neither of the arbitrators might, of necessity, be members of the National. This appeal is provided by those Exchanges to demonstrate their fair intentions and desire to install confidence in the honesty of their purpose. It would be a fine thing for arbitration if every Grain Exchange in the United States had such a provision in its rules making the Arbitration Committee of the National Ass'n the final appeal board not only for all ass'ns, but for every organization working for the good of the grain trade. I would like to see a move started with the object of having all exchanges adopt this feature in their arbitration rules.

The rules of the Grain Dealers National Ass'n providing for the appointment of its Arbitration Committee were wisely written, and by men who thought carefully of every feature in connection with arbitration, for as you well know, these rules provide for one member of

that Committee to be a country shipper, one a track buyer, and one from a terminal market. This insures a Committee from the different channels of trade, and places that Committee above the suspicion of local prejudices.

If your Kansas correspondent will simply demand arbitration from any member of a state organization, he will in ninety-nine times out of a hundred get the arbitration, and surely have the right to appeal to the highest grain tribunal in the event he desires it.—Yours truly, Chas. D. Jones, Nashville, Tenn.

Clark's Grain Tables.

Grain Dealers Journal: I am arranging my scale desk to accommodate the Clark Grain Tables and find that it makes a great combination. The desk in a grain office should be located so that no running around is necessary in order to transfer weights from scale beam to scale book. The desk in my office has been arranged with this purpose in view and the Grain Tables are used in loose leaf form. The drawers have been replaced with slides to hold seven tables at once, each slide having a glass top and sliding into the cabinet when not in use.

The top of the desk holds 3 Grain Tables with 2 slides below, each taking two tables giving the total capacity of 7. The combination of desk and tables makes one of the handiest articles obtainable for grain office.—Percy Reed, Ada, Kan.

Concrete Bins Dry as a Bone.

Grain Dealers Journal: Some grain dealers seem to doubt that the interior of concrete storage bins is bone dry. It is a fact, however, that in properly constructed bin walls when the concrete is thoroly dried the interior is bone dry.

Our reason for bringing up this point is that we are invariably asked, "Does not the concrete sweat?" About the only experience most people have had with concrete is basement walls of houses, and as you know, these where they are monolithic are built of very poor quality of concrete which is porous and in many cases where water exists in the ground from time to time, and in some cases the walls always are damp and even wet. When built of concrete blocks walls are even worse, as these are very porous, being made very dry.

Condensation on the interior of a bin wall will take place if the grain is damp and the air inside of the tank is charged with moisture with the bin walls cool. But where the grain is put in a bin dry the concrete walls are the very best protection, being monolithic and of a rich grade of concrete, the outside moisture which would occur during a rain is absolutely excluded.

Concrete is a very slow conductor of heat, and experience has shown that concrete bin walls will stand terrific heat for a long period of time without injury to their contents.—Very truly yours, Hickok Construction Co., Minneapolis, Minn.

THE BARBER WORM is causing considerable damage to wheat near Haven, Kan., and the crop of J. E. Merritt, mayor of the town, is said to be seriously damaged. The little pest is referred to as a "barber" owing to its fondness for the grain's beard. While instances are reported of the stalks and kernels being attacked, experienced Kansas farmers do not think the worm will do much damage this year.

Grain Movement

Reports on the movement of grain from farm to country elevator and shipments from interior points are always welcome.

CALIFORNIA.

San Francisco, Cal., June 10.—Stocks of grain remaining in California are, wheat 1,112,100 bus.; barley, 4,531,584 bus.; oats, 598,375 bus., and rye, 17,322 bus.—H. C. Bunker, Chief Inspector.

CANADA.

Winnipeg, Man., June 10.—Situation of 1914 wheat crop, wheat inspected to date 104,016,500, in transit 650,000, in store at country points 2,850,000, marketed at Winnipeg 60,000, total market to date 107,576,500, last year 147,940,000; in farmers' hands to market 2,000,000, allowed for seed, feed and country mills 35,000,000, total 144,576,500, last year 181,940,000, less dual inspection 3,000,000, total crop 141,576,500.—Frank O. Fowler, sec'y. Northwest Grain Dealers Ass'n.

IDAHO.

Lewiston, Ida., June 10.—Harvest will begin about July 1; on June 1 about 10% grain left in warehouse on storage and in farmers' hands; would not sell at \$1.40 or \$1.55 and since price went down will likely hold until next season.—Peter Muench, agt. J. Alexander Co., Ltd.

ILLINOIS.

Martintown, Ill., June 14.—Not much grain in farmers' hands.—Harry Heiser, mgr., Farmers Elev. Co.

Marca, Ill., June 24.—Farmers still holding some corn; very little selling of new grain.—C. W. Gober, agt. Shellabarger Elev. Co.

Freeport, Ill., June 15.—Grain movement light; farmers holding for higher prices; not many oats back but considerable corn.—H. A. Hillmer Co.

Steward, Ill., June 15.—Very little grain moving now; renters have shipped out everything but land owners are still holding about 25% of their corn.—H. J. Smith.

Peoria, Ill., June 15.—Receipts of grain during the month of May, 1915, were wheat

Exports of Grain, Weekly.

	WHEAT.		OATS.	
	1914.	1913.	1914.	1913.
July 4 to Dec.				
26	168,699,000	112,304,000	37,632,000	8,817,000
Week ending	1915.	1914.	1915.	1914.
Jan. 4	5,807,000	3,626,000	717,000	51,000
Jan. 11	7,362,000	4,562,000	124,000	296,000
Jan. 18	7,062,000	3,686,000	859,000	279,000
Jan. 23	5,664,000	2,794,000	1,474,000	263,000
Jan. 30	5,938,000	1,507,000	1,943,000	133,000
Feb. 6	8,294,000	3,433,000	1,779,000	128,000
Feb. 13	6,795,000	2,661,000	1,879,000	223,000
Feb. 20	7,128,000	2,035,000	1,730,000	154,000
Feb. 27	4,853,000	2,191,000	2,412,000	172,000
Mar. 6	5,805,000	3,185,000	1,116,000	112,000
Mar. 13	4,206,000	2,751,000	1,607,000	88,000
Mar. 20	4,071,000	3,382,000	1,364,000	180,000
Mar. 27	5,034,000	1,458,000	3,214,000	114,000
Apr. 3	7,082,000	2,196,000	3,168,000	82,000
Apr. 10	4,500,000	1,707,000	2,399,000	271,000
Apr. 17	4,915,000	2,140,000	4,141,000	279,000
Apr. 24	7,537,000	1,455,000	5,137,000	139,000
May 1	5,563,000	2,061,000	4,414,000	444,000
May 8	3,906,000	2,673,000	2,060,000	261,000
May 15	5,476,000	3,557,000	2,754,000	809,000
May 22	5,412,000	4,489,000	2,795,000	735,000
May 29	4,324,000	3,750,000	4,727,000	751,000
June 5	3,500,000	4,393,000	1,105,000	531,000
June 12	5,868,000	2,322,000	1,764,000	571,000
June 19	3,414,000	3,840,000	3,467,000	936,000
Tl.	308,245,000	184,164,000	95,781,000	16,819,000

108,400 bu., corn 1,114,200 bu., oats 693,100 bu., rye 7,200 bu., barley 73,200 bu.; compared with May, 1914, wheat 53,000 bu., corn 1,184,700 bu., oats 1,046,400 bu., rye 8,400 bu., barley 22,400 bu.; shipments of grain for month of May, 1915, wheat 34,200 bu., corn 163,782 bu., oats 822,440 bu., rye 14,400 bu., barley 46,245 bu.; compared with May 1914, wheat 62,600 bu., corn 449,095 bu., oats 1,253,300 bu., rye 21,600 bu., barley 165,130 bu.—John R. Lofgren, Sec'y, Board of Trade.

IOWA.

Dyersville, Ia., June 23.—Farmers holding their surplus grain waiting for better prospects.—J. H. Limback.

Vinton, Ia., June 21.—Considerable old corn in country but will be held by farmers until new crop is assured.—Spike & Co.

KANSAS.

Sawyer, Kan., June 15.—Harvest will begin in 10 days or 2 weeks.—B. N. Dinkins, mgr. Sawyer Equity Exchange.

Pretty Prairie, Kan., June 23.—Harvest will begin about July 1; wheat will yield about 65% of last year's crop.—D. E. K.

MISSOURI.

St. Louis, Mo., June 15.—Nanson Com. Co. received the first of Missouri new wheat on June 21; it tested 61, graded No. 2 red and sold for \$1.15 to Valier Spies Mfg. Co.

St. Louis, Mo., June 15.—Morton & Co. received the first car of new wheat on June 14; it tested 57½ to 59 and sold for \$1.17½ grading No. 3 red; it came from Ferriday, La., where wheat raising is new experiment; this is the first car of wheat shipped out of La. to St. Louis.—X.

NEBRASKA.

Diller, Neb., June 22.—Seven farmers held 4,500 bus. wheat for \$1.50 and sold last week at \$1, thereby losing \$2,000.—L.

OKLAHOMA.

Stecker, Okla., June 19.—Cutting wheat and one more week of dry weather will put it all in shock.—J. M. Giddings & Co.

Miami, Okla., June 23.—Owing to excessive rains harvest will be about 30 days late and the quality will be impaired; wheat will grade low; will have about 50% corn crop.—E. D. Morris, Miami Flour & Feed Co.

SOUTH CAROLINA.

Sumter, S. C., June 11.—Have a lot of wheat, oats and corn for sale.—E. I. Reardon, managing sec'y, Sumter Chamber of Commerce.

TENNESSEE.

Memphis, Tenn., June 10.—Three carloads or 3,000 bu. of wheat was bought yesterday by the milling firm of Yates & Donelson Co., being the first shipment of as much as a carload of wheat that has ever come to Memphis from Mississippi at one time, the wheat was grown on the plantation of W. L. Reeder, near Vance, Miss.; the sample from which the sale was made was graded as No. 2 red winter.—X.

TEXAS.

Galveston, Tex., June 8.—The first car of new wheat of the 1915 crop was received at Galveston today; the shipment was No. 3 hard winter wheat, over the Katy from Granger to the Star Flour Mills.

VIRGINIA.

Newport News, Va., June 6.—Largest grain export business in the history of the port.—So. Fuel Co.

SAMPLES OF HAY for exhibition at the July 6 to 8 convention of the National Hay Ass'n at Niagara Falls, N. Y., should be forwarded not later than June 15, all charges prepaid, addressed to J. Vining Taylor, sec'y, care International Hotel, Niagara Falls, with a card on each bale showing the official grade in the local market. At the same time Mr. Taylor, at Winchester, Ind., should be advised of the number of bales and the grades.

Coming Conventions.

June 30-July 1.—Ohio Grain Dealers Ass'n at Cedar Point.

July 6, 7, 8.—National Hay Ass'n at Niagara Falls, N. Y.

Oct. 11-13.—Grain Dealers National Ass'n at Peoria, Ill.

ITALY IS PREPARING for an abundant harvest. Over 5,000,000 acres are ready for cutting, which ordinarily requires 2,500,000 harvest hands. This year it is proposed to use 10,000 reaping machines, each doing the work of 15 hands.

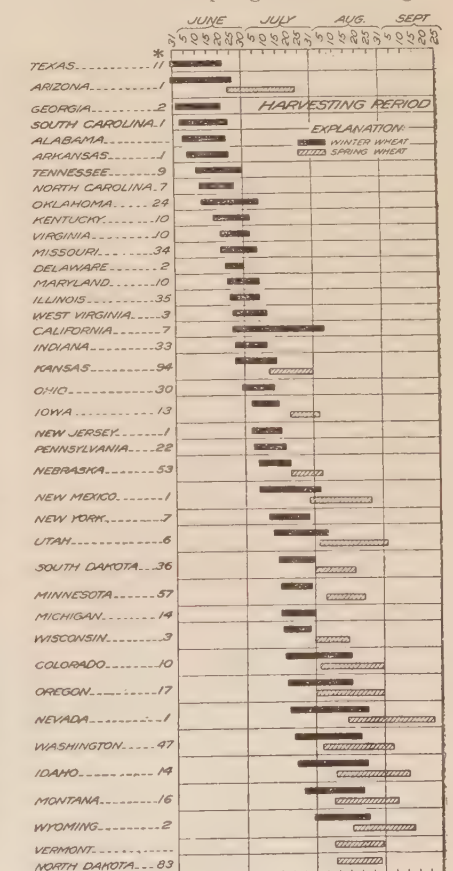
FEW CHARTERS are reported for export grain room from New York and rates are easing as a result of the increased tonnage offerings. This is merely temporary, however, as the new crops are expected to cause material advances.

Wheat Harvest Period.

The time of the wheat harvest in the United States ranges from late May to late September, on the average, as shown in the diagram, made by the U. S. Dept. of Agriculture. Weather conditions made the actual dates much earlier or later than the averages indicated. The figures at the right of the states indicate the 5-year average wheat production in millions of bus.

Nevada, with mountain plateaus, grows both winter and spring wheat, its harvest period covering a longer time than that of any other state, fully two months; while Pennsylvania, with its much greater crop, concentrates its harvest in the first half of July.

In the states growing both winter and spring wheat the harvest of the latter usually is two to three weeks later than the harvest of winter wheat. Most of the winter wheat is harvested in July and most of the spring wheat in August.



Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

CALIFORNIA.

Arlington, (Riverside, p. o.) Cal., June 10.—Barley crop good; wheat crop 60%; barley now being threshed.—J. E. Winship & Sons.

CANADA.

Dalemead, Alta., June 10.—Crop prospects could not be better; having showers about every other day; wheat and oats looking fine; no chance for drouth to hurt crop now; nothing but hail will knock it out; a large acreage sown this year and an immense acreage of new land being broken this spring which will make next year's acreage larger still.—Ray S. Drake, agt. Pioneer Grain Co.

Winnipeg, Man., June 10.—Estimated acreage under crop, Manitoba, Saskatchewan and Alberta, June 7, 1915, as follows: for 1914, wheat 10,952,000; oats 6,917,000; barley 1,226,000; flax 918,000; for 1915, wheat 12,540,000; oats 6,621,000; barley 1,153,000; flax 643,000; wheat 14.5% increase; oats 10.2% increase; barley 6% decrease; flax 30% decrease. Reports indicate that the seeding operations were completed under perfect conditions, and that there have been practically ideal conditions since, only isolated reports of small damage from wind and cut worm. Indications point, with reasonable weather, to a good crop.—Frank O. Fowler, sec'y, the Northwest Grain Dealers Ass'n.

COLORADO.

Hartman, Colo., June 15.—Crops fine.—Floyd M. Wilson, gen. mgr., Denver Alfalfa Mfg. & Prod. Co.

Denver, Colo., June 14.—Had rainy season to date; winter wheat in best condition; spring crops fair; with good weather should have crop.—T. D. Phelps, agt. Farmers Grain Co.

IDAHO.

Lewiston, Ida., June 10.—Had rain during whole month of May; grain looking fine; northern part of state will have larger crop than last year as farmers seeded more spring grain than usual.—Peter Muench, agt. J. Alexander Co., Ltd.

ILLINOIS.

Steward, Ill., June 15.—Oats looking fine; corn crop only 65% of last year.—H. J. Smith.

Westervelt, Ill., June 15.—Wheat looks good; corn fair but too much rain.—G. G. Bartscht.

Sciota, Ill., June 17.—Largest crop of wheat, corn and oats we have had for four years.—E. E. Sapp.

Litchfield, Ill., June 16.—Crop conditions best for years.—David Davis, trustee, Litchfield Mill & Elvtr. Co.

Morrison, Ill., June 19.—Weather wet during month of June; corn late; looks well.—C. A. Renkes, Renkes Bros.

Steward, Ill., June 15.—Corn 20 days late, acreage about same but much replanted; acreage about 5% below normal.—Shearer Bros.

Bloomington, Ill., June 16.—Oats are tall; some danger of lodging, corn little backward but with favorable weather will be all right.—Hasenwinkle Grain Co.

Rochelle, Ill., June 15.—Oats were never better but more rain will knock them down; corn stand is heavy which is only thing saves corn from excessive rain.—M. Kennedy.

Genoa, Ill., June 17.—Corn crop not so bad as in sections further north and west; will have a crop equal to normal with favorable weather from now on; very little damage due to cut worm; oats looking good.—Zeller & Son.

Fairmount, Ill., June 10.—Crops look fine; few wheat fields will be plowed up as fly has been working; corn a little backward account cool weather and excessive rain.—O. C. Benson.

Martintown, Ill., June 14.—Farmers are over their corn once starting to cross it; oats are hip high starting to head out; wheat looking good.—Harry Hieser, mgr., Farmers Elvtr. Co.

Ridott, Ill., June 15.—Corn no stand; no work in field so much weeds; many acres under water; corn can do much in 2 or 3 weeks and yield may be 75% of last year; oats good.—W. G. Brown.

Sidney, Ill., June 21.—Having nice warm rains; wheat harvest will begin about June 25; wheat good; acreage largest ever raised; oats look like bumper crop; very rank and some danger of going down; corn doing fine; fields are cleaned of weeds making rapid growth.—Sidney Grain Co.

Champaign, Ill., June 15.—Wheat conditions as reported by 293 stations are as follows: Acreage compared with last year 13.5% better. This means a total acreage approximating 2,837,500 acres. Present condition compared with last year 102%, indicating a slightly better average condition. Estimate yield per acre 22.5 bu.; last year's yield 18.5 bu. per acre. Figuring on 2,837,500 acres, the total wheat yield in Illinois should be 63,843,750 bus. against 46,250,000 bus., indicating a net increase of 17,593,750 bus. The greatest increase in acreage is reported from Piatt county, where the percentage is given as 275. One township in Edgar county shows 250% acreage. But few decreases in wheat acreage are indicated and many increases. Oat conditions as reported by 311 stations are as follows: Acreage compared with last year 99.88%. This is practically the same and means about 4,300,000 acres in oats. Present condition compared with last year 26.1% better. This should make production 158,747,400 bus. It is believed that rains general the last few days will cut the total production considerably. Only 5.6% of last year's crop remains to be shipped. Corn conditions as reported by 314 stations are: Acreage compared with last year a fraction over 100%. This shows the acreage to be a trifle larger than last year. Present condition compared with last year 82.5%. This should make the Illinois corn crop approximately 264,029,920 bushels by the estimates received at this time. Only 18% of old corn remains to be shipped. E. B. Hitchcock, sec'y Illinois Grain Dealers Ass'n.

IOWA.

Dallas Center, Ia., June 18.—Small grains look good; corn looks very bad.—R. Whitaker.

Fort Dodge, Ia., June 10.—Having too much rain; corn not all planted.—Farmers Elvtr. Co.

Dyersville, Ia., June 23.—Oats fine stand; corn $\frac{3}{4}$ stand; want sunshine and late fall.—J. H. Limback.

Vinton, Ia., June 21.—Small grain is looking fine; corn is very small and backward; quite a lot was planted over; weather has been so wet it has not done well.—Spike & Co.

South English, Ia., June 11.—Oats rank; very likely to go down; corn not doing well; too much wet cold weather.—O. K. Morrison, mgr., Farmers Grain and Lumber Co.

Dion (Hartley, p. o.) Ia., June 10.—Small grain looks fine; had a freeze on the 9th and the corn shows the effect; have not had as much rain as some localities.—C. W. Jones.

Des Moines, Ia., June 21.—Continued showery weather has still further delayed planting, replanting and cultivation of corn in many sections of the state, and the prevailing cool weather retarded its growth; but conditions are more favorable than for several weeks previous; small grain is generally in good condition, but in some localities both wheat and oats have lodged; rye and fall wheat are ripening and oats are heading nicely.—Geo. M. Chappel, U. S. Dept. of Agriculture.

Bussey, Ia., June 23.—Small grain looks well.—H. W. Kester.

KANSAS.

Zurich, Kan., June 10.—Excellent prospect for wheat crop.—M. S. Graham.

Glasco, Kan., June 14.—Wheat prospect never better nor acreage larger; corn prospect poor with less acreage.—R. P. Morrison.

Sawyer, Kan., June 15.—Some damage by fly but will be average crop from present indications.—B. N. Dinkins, mgr. Sawyer Equity Exchange.

Morganville, Kan., June 7.—Wheat looking fine with a few bad fields of fly, almost too much rain; fear of rust which is now in some fields.—Farmers Elvtr. Co.

Bennington, Kan., June 14.—Fair prospect for a good wheat crop at present; corn is poor stand; harvest is from ten days to two weeks late.—Agt. Shellabarger Mill & Elvtr. Co.

Coffeyville, Kans., June 10.—Wheat and oats damaged 50% in this vicinity by excessive rains, Hessian fly and chinch bugs; corn backward; hundreds of acres not planted so far.—A. T. Ragon, Rea-Patterson Mfg. Co.

Enterprise, Kan., June 17.—Dickinson county will produce 1,700,000 bushels of wheat as compared with 3,000,000 bu. last year. This is due in part to Hessian fly damage and a decrease in acreage of 5,000 acres.—The Hoffman Mills.

MARYLAND.

Keedysville, Md., June 12.—Wheat promises about 90% crop.—Keedysville Mfg. Co.

MINNESOTA.

Lewisville, Minn., June 16.—Crops are backward, especially corn, too much moisture.—F. Chard, agt. C. S. Christensen Co.

Montevideo, Minn., June 18.—Crop conditions not as favorable as they have been, account continued cool and wet weather.—Chippewa Mfg. Co.

Cokato, Minn., June 15.—Good big crop of Marquis seed wheat in and prospects good; corn crop backward; season too cold and wet for this time of year.—J. W. Beckman.

Moorhead, Minn., June 18.—Growing conditions getting somewhat serious owing to excessive rain the past two weeks flooding some low lands and causing some decay to late planted seed of corn; winter wheat injured by late frost, extent of damage unknown at present; other small grains escaped injury; corn set back 10 days.—D. D. Simmons Co.

MISSOURI.

Holt, Mo., June 18.—Wheat and oats doing fine; corn a little foul but generally is fine.—Isley Bros.

St. Louis, Mo., June 23.—There will be about $\frac{3}{4}$ ds of a crop in wheat and considerable No. 3 and No. 4 wheat owing to the wet weather, on the lines of the Mo. Pac. and M. K. & T. R. R. in Mo.—Arthur H. Foell, traveling-man for Foell & Co.

NEBRASKA.

Malmo, Neb., June 14.—Corn looks bad account of continuous rains and cool weather.—S. A. Schmitt.

Miller, Neb., June 8.—Fine prospect for a crop; wheat is heading; oats look well; are having lots of rain.—Henry Chresman.

Perry (McCook P. O.), Neb., June 21.—Have had severe hail storm 40 miles long 10 miles wide; will commence cutting wheat about July 5.—S. S. Garvey, Updike Grain Co.

Cook, Neb., June 14.—Wheat looks to be about the same as last year's in quantity but is considerably spotted some being extra good and some being spotted.—H. R. Proffitt.

Lyons, Neb., June 18.—Crops are fair; winter wheat looking good about 90%; oats are very uneven would estimate them at not over 80% compared with last year; corn very backward ground was too dry in May and too wet and cold this month corn is not over 3 in. high.—A. Moseman.

Brock, Neb., June 18.—Heavy rains and winds have damaged wheat; much corn is not planted on account of wet weather too cold to replant for a week.—F. B. Reeve, agt., A. B. Wilson.

NORTH DAKOTA.

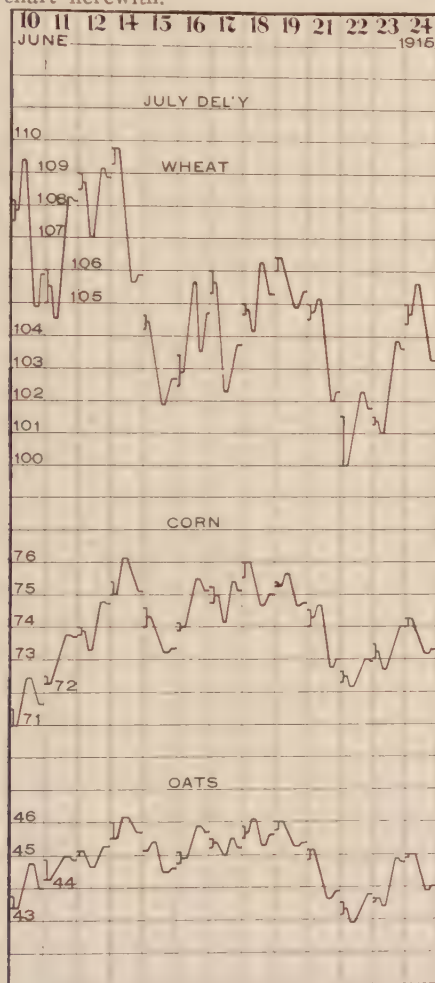
Dickey, N. D., June 19.—Good crop prospects at present.—C. E. Larson.

Dodgen, N. D., June 12.—Crops are fine; rain today.—Carl H. Olson Grain & Shipping Co.

Verona, N. D., June 9.—Crops looking fine best for years; weather cool.—P. S. Tiedeman, Verona Grain & Fuel Co.

Chicago Futures

Opening, high, low and close on wheat, corn and oats for the July delivery at Chicago for two weeks are given on the chart herewith.



Daily Closing Prices

The closing prices for wheat and corn for July delivery at the following markets for the past two weeks have been as follows:

JULY WHEAT

	June 10.	June 11.	June 12.	June 13.	June 14.	June 15.	June 16.	June 17.	June 18.	June 19.	June 20.	June 21.	June 22.	June 23.	June 24.
Chicago	105%	108%	108%	105%	102%	104%	103%	105%	105%	102%	101%	103%	103%	103%	103%
Minneapolis	121	119%	121%	118%	114%	116%	118%	120%	119%	115%	115%	116%	119%	119%	119%
Duluth	119%	120	122%	118%	115%	118%	118%	121%	122%	119	119%	122	123%	123%	123%
St. Louis	101%	103%	104%	101%	98%	100%	99%	101%	101%	98	97%	99%	99%	99%	99%
Kansas City	99%	101%	104%	101%	96%	97%	98	99%	99%	95%	95%	97%	97%	97%	97%
Milwaukee	105%	108%	108%	105%	102%	101%	103%	105%	105%	102%	101%	103%	103%	103%	103%
Toledo	106	107%	108%	105%	103	105	104%	106	106	103	102%	101%	101%	101%	101%
*Baltimore	115%	115	114%	114	112	114	115	116	116	113	113%	114%	114%	114%	114%
Winnipeg	120%	121	122%	120%	117%	119%	119%	122	121%	119%	119%	121%	121%	121%	121%

JULY CORN.

	June 10.	June 11.	June 12.	June 13.	June 14.	June 15.	June 16.	June 17.	June 18.	June 19.	June 20.	June 21.	June 22.	June 23.	June 24.
Chicago	71%	73%	74%	75	73%	75%	75%	75%	75	73%	73	72%	74	73%	73%
Kansas City	69%	71%	72%	72%	70%	72%	73%	72%	72%	70%	70%	70%	70%	71	71
St. Louis	71%	73%	74%	74%	72%	74%	75%	75%	75	73	72%	71%	71%	71%	71%

*June delivery.

Considine, N. D., June 10.—Crop very good at this time.—J. A. Waldrow.

Bisbee, N. D., June 15.—Crops in excellent condition; frost will not affect much; further advanced than last year.—Val C. Gores.

OHIO.

Gallipolis, O., June 23.—Wheat in this section including lower Kanawha valley and W. Va. bottoms is the best in years.—Gallia Brokerage Co.

Outville, O., June 10.—Wheat prospect good; crop about 80%; oats about 25%; unusual large crop of corn planted but a poor stand; a good deal had to be planted over the second time.—Burton Cain.

Versailles, O., June 17.—Wheat acreage average; general condition good; too wet for filling well; some damage by fly; corn acreage average; some replanting done; condition below normal on account of excessive rain; oats acreage average; condition promising.—W. C. Hile.

OKLAHOMA.

Alva, Okla., June 17.—Crop conditions never better; a number of fields should average from 25 to 30 bu.; harvest started today and will be in full blast by Monday.—Crowell Bros.

Hollister, Okla., June 8.—Are having some very destructive hail, rain and wind storms; should be in midst of harvest at this time; must have fair weather shortly or our wheat and oat crop will be a total loss.—G. G. Black.

Afton, Okla., June 19.—Crops in bad shape; wheat dead ripe but ground so soft a team cannot cross the fields; fully ¼ of wheat on the ground; have a big rain about every two days; fully 50% of wheat will be lost; oats also will be a loss unless there is plenty of sunshine for about 10 days.—F. D. Crockett, mgr., Afton Grain & Coal Co.

Cherokee, Okla., June 17.—Wheat just ready to harvest but are having heavy rain and wind every night with some hail and farmers cannot get into the fields; wheat down so badly and so tangled farmers claim at least 50% damage, some talking of mowing soon as weather will permit; most wheat will be binned owing to rapid decline in prices.—F. A. Hague, mgr., the Farmers Federation Inc.

SOUTH CAROLINA.

Chester, S. C., June 5.—About 30% of lands planted in small grains last fall; rye and oats showing fine yields now; wheat not so good; corn prospect fine more to be planted.—A. W. Aiken.

SOUTH DAKOTA.

Leola, S. D., June 19.—Crops look fine but with continuing cold weather will make harvesting later than usual; corn not making much headway on account of weather being too cold.—Leola Equity Exchange.

Manchester, S. D., June 17.—Crops damaged little by frost; rye damaged about 10%; corn same; crops look better than they have for years; plenty of moisture at present time to give us a bumper crop.—Chas. Brooks, agt., Atlas Elvtr. Co.

Mansfield, S. D., June 15.—Crops look fine except corn which got a late start.—John G. Smith, mgr., Farmers Elvtr. Co.

Marvin, S. D., June 18.—Crops looking fine but need sunshine; have had too much rain and there is danger of black rust unless we get warmer weather; corn late and some will be planted over.—J. H. Jorgeson, mgr., Farmers Grain & Merc. Co.

Cavour, S. D., June 17.—Condition of small grain fine; plenty of rain to keep it growing; weather has been too cold for corn but it is rooting well; with warm weather it will come in hurry; large acreage of corn planted this year.—W. J. Hunt.

TEXAS.

Crawford, Tex., June 21.—Wheat and oat crop pretty good, away above average.—Nichols & Co.

Pampa, Tex., June 17.—The wheat here is fine, and the acreage is possibly increased 5%, not 50% as we were erroneously credited with reporting in this column June 10.—D. W. Osborne, mgr. Pampa Grain Co.

WASHINGTON.

Davenport, Wash., June 5.—Crops principally wheat, promise a splendid yield.—W. O. Mansfield, mgr., Davenport Grain Co.

Hatton, Wash., June 4.—Weather ideal for growing wheat which never looked better; bumper harvest is expected; cutting will begin early in July.—Producers Union Warehouse Co.

Program of Ohio Meeting.

The Ohio Grain Dealers Ass'n will hold its 36th annual meeting and reunion at Cedar Point, Sandusky, June 30 and July 1. The resort company has extended reasonable rates and adequate accommodations for sessions at the Breakers Hotel, and will be host to the grain men at the Coliseum Ball Room on the evening of June 30. Arrangements have also been made by the company for a boat ride for the ladies and children on July 1. The program of business sessions follows:

Wednesday, June 30, 9:30 A. M.

Call to order, Pres. E. C. Eikenberry, Camden.
Address of Welcome, J. A. Ryan, Sandusky.
Response, C. E. Groce, Circleville.
President's Annual Address, E. C. Eikenberry, Camden.
Report of Sec'y and Treas., J. W. McCord, Columbus.
Appointment of com'tes on Resolutions, Auditing and Nominations.
In Memoriam, "Departed Members," by Pres. Eikenberry.
"Be a Booster, Not a Knocker," F. H. Tanner, Columbus.
"Efficiency, Applied to Grain Sales," E. M. Crowe, Piqua.
"The Nat'l Ass'n," Chas. Quinn, Sec'y Grain Dealers' Nat'l Ass'n.
Reports of Local Ass'ns.
"The Miami Valley Grain Dealers Ass'n," E. T. Custerborder, Sidney.
"The Buckeye Grain Ass'n," W. E. Schlentz, Eldorado.
"The Northwestern Ohio Grain & Hay Dealers."
"Producers and Shippers Ass'n," H. P. McDonald, Greenville.
"The Northwestern Ohio Millers and Grain Dealers Ass'n," E. Thierwechter, Oak Harbor.
"The Middle Ohio Grain Dealers Ass'n," H. W. Fish, Marion.

Thursday, July 1, 9:30 A. M.

Address, "Co-operation — (a) Between Farmer and Grain Dealer, (b) Between Grain Dealers, (c) Tendency of the Government and Public Sentiment Towards Elimination of the Middleman," T. P. Riddle, Lima.
"For the Good of the Trade," H. L. Goemann, E. C. Bear, D. R. Risser and D. W. McMillen.
"Grain Exports, Present Status, Prospects and Perils," L. W. Forbell, New York, N. Y.
Discussion of Interesting Subjects by Members.
Reports of Special Com'tes.
Election of Officers.
Adjournment.

Cost of Insurance Cut in Two.

The H. A. Hillmer Co. recently adopted gasoline power at its Ridott, Ill., plant, discarding the steam boiler and engine which had long given satisfactory, tho expensive service. Mr. Hillmer and Manager W. I. Brown found the question of a power house, conforming with all insurance requirements and at the same time situated so as to be serviceable, more difficult of solution than the finding of the right engine.

Concrete was selected as the best material tho a little more expensive in first cost than wood. Mr. Brown did the planning and construction work. As power is lost in transmission thru an excessive distance between power plant and machine to be driven, the power house was located 10 feet from the elevator as required by the insurance companies in order to earn a credit. To accomplish this it was necessary to dig away part of the driveway and then run a tunnel, thru which the belt operates, to the side of the house.

The dimensions of the power house are 10'x10'x8'. The walls are 8" and the roof 5" thick. Old railroad rails were used to support the roof, a layer of inch boards being placed flush with the bottom of the rails to hold the concrete when poured. The floor is 6" thick with a cistern 3'x3'x4' underneath one corner from which is pumped the water for cooling the engine. The engine rests upon a concrete foundation base 18"x48"x48".

The tunnel for the transmission belt is 18"x24"x11', with 4" walls and bottom and a 6" reinforced top to sustain the weight of loaded farm wagons hauled up the driveway.

The building was constructed at a cost of only \$114.11, distributed as follows: Cement, 18 bbls., \$32.85; lumber, window frames and door frames, \$10.89; labor, \$47.87; sand and gravel, \$19.50; iron, \$3. This does not consider the time the manager gave to the construction.

Before the building of this power house, and the installation of an 8 hp. gasoline engine, the company paid an insurance rate of \$3.40. This rate has since been cut in half and means an actual saving annually of \$115 in insurance premi-

ums. The fire hazard has been materially reduced besides giving the company a more convenient and a cheaper power, cheaper especially in the winter when a great deal of coal was burned day and night to keep the plant from freezing.

Mr. Brown has so much faith in his new building that it is used as a safe during the night to avoid possible destruction of his books and other records by fire. The new building is shown in the accompanying engraving.

New Com'ites of Illinois Ass'n.

Pres. Victor Dewein of the Illinois Grain Dealers Ass'n has appointed the following com'ites for the ensuing year, and Sec'y E. B. Hitchcock announces the acceptance of each member:

Arbitration: H. A. Hillmer, Freeport; R. J. Railsback, Hopedale; Geo. W. Banks, Irene.

Executive: Director E. M. Wayne, Delavan; Director B. P. Hill, Freeport; Director E. E. Schultz, Beardstown.

Legislative: Lee G. Metcalf, Illiopolis; Hon. R. R. Meents, Ashkum; Wm. Murray, Champaign.

Resolutions: U. J. Sinclair, Ashland; B. T. Colehower, Long Point; W. H. Holmes, Lincoln.

Discount: Pres. Victor Dewein, Warrensburg; Director R. C. Baldwin, Bloomington; G. A. Turner, St. Louis, Mo.; Sec'y E. B. Hitchcock, Champaign.

T. E. Hamman, Milmine, has accepted re-appointment to chairmanship of the finance com'ite, and F. S. Larison, El Paso, has accepted the chairmanship of the claims com'ite. The scales com'ite has not been organized.

The ass'n is planning the appointment of a state-wide membership campaign com'ite. One member will be appointed for each of the ten divisions. This member will be chairman and chief booster for his district and will organize to suit its needs. The sec'y will assist the district organizations.

I WOULD NOT TRY to get along without the Grain Dealers Journal.—O. F. Hoese, agt., Occident Elvtr. Co., Broadview, Mont.

Stubs of Elevator Tickets Good Evidence.

E. S. Medhus, a farmer, delivered several thousand bushels of wheat to the Farmers Co-operative Elevator Co., of Benson County, North Dakota, receiving among others one ticket showing 873 bus., but which the elevator company alleged was a clerical error, the true amount being 473 bus.

The elevator company brot suit against Medhus to recover the difference. Its buyer, Mr. Myhre, testified that it was the invariable custom of his elevator to write down in a scalebook the gross and net weights of each load of grain received. This scalebook consisted of about 200 slips of paper fastened together in tablet form and perforated in the middle so that each end was a duplicate of the other end containing blank lines. Upon the back of the ticket were the following figures:

7750	
4210	
7730	
4180	
4990	
<hr/>	
6) 28,860	(481
	8
	<hr/>
	473

The agent testified that these figures were made by him, and that they represented the net pounds of five storage loads delivered to him Nov. 3-6, 1909, and produced the stubs from the scalebook corresponding therewith. He testified that the storage tickets and the scalebook stubs tallied in all particulars, excepting that the ticket was for 400 bushels more than was shown by the stubs.

The court gave judgment for the elevator company, Judge Goss saying:

The issue of fact turns on whether a storage ticket issued for 873 bushels was 400 bushels in excess of wheat received. The stub therefor, the elevator record, was filled in for 473. In the absence of proof of error, the presumption must be that the ticket is correct and the stub is wrong. Both are in evidence. Over two years elapsed after the transaction and before the suit was brought, and about that time elapsed before the purported error was discovered. The buying agent in charge had for a year and a half been out of the employ of plaintiff.

After his leaving plaintiff's employ it was discovered that his books and accounts were in bad shape. A dividend of 10 per cent was declared as part of the profits of stockholders in plaintiff company for 1909, but before its distribution an outstanding and unpaid wheat ticket for 1,300 bushels, which the elevator records had shown as canceled by payment, was presented. There is testimony that, besides this, he was short some \$2,000 in his cash account. All this bears upon the matter in a double way: First, upon the abuse of the discretion of the court in admitting in evidence the various stub books and records of purchases of wheat during October and November, 1909, tending to establish error in the ticket as issued; and, secondly, as bearing upon the credence to be given to such records, if admissible, together with its bearing upon the testimony of the buyer, plaintiff's main witness. It seems that the discretion exercised in admitting records is controlling, unless abused. Had the court ruled the other way, and excluded them upon the foundation laid, including the proof bearing upon custody of such records, its ruling could not have been disturbed on appeal. But, having admitted them, the question of weight of said testimony is for the jury.

Defendant claims that the records should not have been received because offered as negative testimony; that is, to prove the non-receipt of the 400 bushels, the alleged excess. An examination of cases and textbooks seems to establish their admissibility. Earlier cases are to the contrary, but the tendency of later authorities is to admit them for what they are worth.—152 N. W. Rep. 352.



Concrete Power House of H. A. Hillmer Co., at Ridott, Ill.

Miami Valley Ass'n at Dayton.

The Miami Valley Grain Dealers Ass'n held its regular spring meeting at Dayton, O., Friday, June 18th, opening with a dinner at the Philips House. A large percentage of the members were in attendance. While the meeting was largely social in nature, there was much interesting discussion on problems concerning the trade.

One of the principal topics discussed was the relative value of yellow corn and corn of the mixed varieties. In all markets mixed corn of different colors sells for a discount under pure yellow corn of the same quality, but in certain portions of the territory elevator owners have been paying the farmer the same price for mixed corn that they pay for yellow corn. The discussion, however, developed that this practice was purely a local matter and confined to a small territory. The dealers decided to make a difference in price of 3c per cwt. in yellow corn and mixed corn, with a view to eliminating the production of the mixed variety.

A discussion of the condition of growing crops developed that the fly is present in the wheat thruout the territory and the effect is being shown to a marked degree. It was the consensus of opinion that the condition of wheat is about 50% as compared with last year, but the increase in acreage will bring the production up to about 75% of last year's crop. As many of the grain dealers are also farmers, a resolution was adopted that all dealers are to practice and use their influence with farmers with an endeavor to have them follow the advice of the agricultural experiment station in reference to late sowing of wheat, as the early sown wheat is far more liable to damage by fly.

The condition of the oats crop in the territory is excellent. The only complaints being from limited localities on account of heavy growth of mustard. After considerable discussion a resolution was unanimously adopted to the effect that all dealers encourage farmers to insist that threshers use screens in threshing their oats and that oats that have not been screened shall be bot at a discount by the elevator.

Corn is small and about two weeks late, on account of the cold and unseasonable weather and excessive rain. In most of the territory the stand is very good, but in other sections a considerable amount of replanting was necessary. It will require continuous warm

growing weather for the corn to catch up.

The following were in attendance: J. E. Wells, Quincy, O., Pres.; E. T. Custerborder, Sidney, Sec.; J. W. Simmons, Pemberton, Treas.; W. A. Niswonger, Quincy; L. G. Shanley, Pemberton; Chas. Garmhausen, New Bremen; C. H. Ginn, Houston; H. I. Staley, Dawson; Joe Lehman, Kirkwood; Geo. Stephenson, Rosewood; Jno. Myers and U. G. Furnace, St. Paris; C. W. Shaffer and J. Wolcott, Conover; S. F. Swearingen, Casstown; Lewis Hale and C. S. Petry, Troy; H. J. Brubaker, Rex; Otis M. Shepard, Christiansburg; C. Mercer, New Carlisle; E. D. Fristoe, Swanders; Broach Bulle, F. J. Russell, Harry Bennett, J. C. Custerborder of Sidney.

A large number of the dealers present expect to attend the meeting of the Ohio Grain Dealers' Ass'n at Cedar Point, June 30th and July 1st.

Wichita Board of Trade.

When the grain men in Sedgwick County, Kans., organized the Wichita Board of Trade on Nov. 21, 1902, they builded better than they knew. The growth of the market from a small beginning has been surprising.

Situated on a large river and with 12 radiating lines of railroad Wichita naturally commanded the rich grain growing territory of Kansas and Northern Oklahoma. All that was lacking was the organization supplied by the Board of Trade. Its members handle a large volume of sales that do not pass thru Wichita, the grain going from one interior point to another.

Grain arriving at Wichita has the advantages of the same inspection and grading as at any other point in Kansas, and its weights are efficiently supervised. The receipts have grown each year. In 1909 Wichita received 7,941 cars, and in the following years, 8,308, 9,105, 12,252, 14,173, and in 1914, 17,575 cars. The 1914 receipts comprised 15,513 cars of wheat, 1,458 cars corn, 491 cars oats, 25 cars rye, 38 cars cane seed, 49 cars kafir corn and one car of barley.

The Wichita Board of Trade has fifty members. Its officers are C. A. Baldwin, pres.; D. S. Warwick, vice-pres.; George Koch, treas.; J. S. Sherman, sec'y and traffic mgr.; and R. B. Waltermire, supervisor of weights. Some of the members and the interior of its trading hall in the Sedgwick Bldg. are shown in the engraving. All of the grain firms have offices in the same building.

Settlement of Elevator at Kansas City, Mo.

The most convenient sites for grain elevators are often along rivers on alluvial soil or made ground where settlement is expected, and provided for in advance of construction by calculations based on the results in test holes sunk in the vicinity.

In building the Kansas-Missouri Elevator for the Missouri Pacific Railroad Co. at Kansas City, Mo., the settlement was considerable, but resulted just as calculated by the Stephens Engineering Co., which erected the plant. This building is 440x46 ft. and 111 ft. high, holding the weight of 1,139,000 bus. of grain. A steam shovel excavated 6,900 cubic yards for the foundation. In the bottom was placed a 22-inch slab of reinforced concrete. On this was built the foundation walls, 15 inches thick and 8½ ft. high, and on top of these was laid a 12-inch slab on which the bins rest. The footing slab was reinforced as a beam under the foundation walls in order to take up the concentrated load at these points. The structure contained 9,823 cubic yards of concrete.

Every week during the construction and loading the engineers recorded the amount of settlement. The bins were loaded as uniformly as possible.

The settlement at one end and at the middle of the structure was about the same, but was much less at the other end. This threw a stress on the structure, but after settling a certain amount the building sprang back, seeming to show that the concrete and steel had not been stressed to a dangerous limit. Computations showed that a deflection of about 6 inches in the middle of the slab could occur without failure taking place. The middle of the house showed a settlement of nearly 0.2 ft. after 400,000 bus. had been loaded, while one end showed only 0.1 ft. The middle settled gradually faster than the ends; after 800,000 bus. had been loaded the high end reaching a maximum of 0.25 ft., the middle 0.37 and the low end 0.38 ft.

At one time the elevator was lightened by 13,677 bus. and the deflection increased at the different points to various amounts.

All settlement has now ceased, and it is thought the sinking was due to the condition of the subsoil. If piling had been used and driven down to bed rock none of the settlement would have occurred. The structure has not been damaged nor has the machinery shown any effects.



Trading Room of Wichita Board of Trade and Some of the Members.

Surplus Applicable on Next Contract.

The Arbitration Com'te of the Grain Dealers National Ass'n in the claim by the Dewey Bros. Co., of Blanchester, O., plaintiffs, against the Electric Grain Elevator Co., of Buffalo, N. Y., defendant has given shippers a liberal construction of the rules of the Ass'n, recognizing that shippers must have some latitude in the quantity of grain loaded into cars to fill contracts.

Defendant bot 5 cars of wheat on one and 5 cars on another contract, and on the second contract buyer confirmed as "Five cars, 5,000 bus."

Plaintiff shipped 9 cars containing 9,903.20 bus. and gave defendant credit on 96.40 bus. at 10½ cents. The Com'te found:

Plaintiffs base their claim on the contention that 1,000 bus. of wheat constitute a car load and that for this reason 10,000 bus. was all they had sold or were liable for under the terms of the contracts, and that the surplus above 5,000 bus. on the first contract should have been applied on the second contract.

Defendant's contentions are that the two contracts were entirely distinct and separate because the time of shipment on the first contract had expired before the second contract was entered into, also because the contract specified delivery at different points, and for these reasons the plaintiffs had no right to consider that one contract had any relation to the other, or to expect that the surplus from the first contract should be applied on the second contract.

The evidence shows that the second one of these two contracts had been entered into before the first one was completed in that two of the first five cars were not shipped until one day after the date of the second contract, and that the first three cars had not arrived at Buffalo until some days after the date of second contract; therefore, the two contracts were actually in effect at the same time.

It also shows that, even tho one contract was delivered Buffalo and the other delivered Philadelphia, both were subject to Buffalo weights and grades, which in the absence of any particular specifications would mean that they were both subject to settlement or adjustment under the same conditions, with the exception that the seller was responsible for a higher rate of freight on the one which specified, "Delivered Philadelphia."

It is a well-known fact and a general custom that on sales of grain made for shipment from interior or country points and subject to the terms of a terminal market, unless otherwise specified, the shipment of any particular size car is not contemplated because of the fact that it is practically impossible for the country shipper to regulate the size of the cars that may be furnished by the railroad, and in order to be protected in the matter of freight he must load the various sized cars that may be furnished in accordance with the railroad rules; and this committee believes that Rule 32 of Grain Dealers National Ass'n, which reads:

"Carload: A carload shall consist of bushels as follows: Wheat, 1,000; shelled corn, 1,000; ear corn, 700; rye, 1,000; barley, 1,000; oats, 1,500"

was formed to cover or govern in the settlement of just such disputes as in this case, and because of this fact we believe that plaintiffs' contentions are correct, and that 10,000 bushels was all the wheat they were obligated to ship under the two contracts.

Having decided that Rule 32 of the Grain Dealers National Ass'n governs the quantity of wheat sold under these two contracts, we believe that Rules 7 and 8, which refer to incomplete shipments and incomplete deliveries, have no bearing on the case, because the actual shortage (only 96.40) is so small that any adjustment on same should be made at a fair market value of the grain on the date the actual shortage was known, which, under ordinary conditions, would be the day of or the day after the unloading of the last car.

We believe that, on sales of grain subject to the terms of a terminal market and where more than one contract for the same grade is open at the same time, in the absence of any special agreement, it is proper and the general custom to carry surpluses forward from one contract to another, and if for any reason it is not prac-

tical or a buyer does not wish to carry a surplus forward it is his duty to communicate with the seller and arrange for a satisfactory settlement of such surplus.

As the defendants did not make any special arrangements with plaintiffs as to disposition of the surplus on the first contract, we believe the plaintiffs had a perfect right to expect the surplus carried forward to the next contract, and this, regardless of the fact that the point of delivery on the two contracts was not the same, because where grain is sold for a different destination than the point at which weights and inspection are to be obtained and settlement made, it is usually so sold for the convenience of the buyer, so that he may have the benefit of billing or diverting privileges that he would not otherwise have, and whatever freight difference there might be on two such contracts would be adjusted on the account purchase and sale of the car on which any surplus might be applied to another contract.

The last of the nine cars shipped on these contracts was unloaded on Aug. 6, and under ordinary conditions plaintiffs should be charged at the market value on Aug. 7 on the actual shortage of 96.40, but, inasmuch as defendants had actually bought in wheat at 97½, Philadelphia rate, on July 31, to take care of any shortage on these contracts, we believe that price should govern and that plaintiffs should make settlement on the shortage on that basis instead of 95½c, as they have done. This would make a further credit of 1½c per bu. on 96.40, or \$1.57 due defendants.

Therefore, our ruling is that the Electric Grain Elevator Co. pay to the Dewey Bros. Co. \$97.96, with interest at 6%, from Sept. 17, 1914, until date this award is paid, and that the Electric Grain Elevator Co. pay the cost of this arbitration.

JAPANESE GOVERNMENT has cancelled freight engagements for June and July from Hongkong on its subsidized lines, except for Japanese ports. This has rendered more acute the shipping congestion and will delay the season's requirements of grain bags for the Pacific Coast ports.

D. V. Heck Chosen Pres. of Pittsburgh Exchange.

The Pittsburgh Grain & Hay Exchange on June 10 elected D. V. Heck, whose portrait is given in the engraving, as president for the ensuing year.

Mr. Heck is a native of Lock Seven-teen, O., and has always been engaged in the grain and feed business, in which he started at Lock Seventeen. Twelve years ago he removed to Pittsburgh and became a member of the Grain & Hay Exchange.



D. V. Heck, Pittsburgh, Pa., Pres. Grain & Hay Exchange.

Seeds

THE KING SEED Co. has been organized at Indianapolis, Ind., by N. M. King, J. M. King and E. E. Walker to handle field seeds and grain.

EAST JORDAN, MICH., June 12.—We are building an addition to our plant to facilitate the handling and cleaning of our 1915 crop.—A. E. Cross, Sup't, Everett B. Clark Seed Co.

THE J. M. McCULLOUGH'S SONS Co., Cincinnati, O., has registered the words McCullough's Seeds, underlined with a double rule, as a trade-mark descriptive of its seeds, claiming use of the words since 1838.

MADISON, WIS.—Condition of clover meadows June 15 shows 95.1, compared with 96.3 for May. Timothy meadows are 94.2 against 95.5 for May. Acreage of clover is a little larger than last year and timothy a trifle smaller. The average of clover seed in Wisconsin is larger than that of any state except Indiana.—State Board of Agriculture.

ITALY'S EXPORTS of clover seed decreased from \$840,259 in 1912 to \$33,734 in 1914, due largely to the rigid regulations governing importation of seeds into the United States. As seed must be shipped with the risk of being rejected at American ports Italian exporters refuse to sell. The more abundant American crops in the last two years has also caused Italian exports to fall off and the heavy purchases made by central European countries increased prices so much that France and England could undersell Italians in the United States. Alfalfa seed from Turkestan has been imported into the United States via Hamburg, and being inferior to Italian seed has undersold it in American markets.—Consul F. T. F. Dumont, Florence, Italy.

GRASSES and legumes that make good market hays in the South are lespedeza in the lower Mississippi Valley; Johnson grass over most of the cotton belt; Bermuda grass on the rich bottom lands; the Arlington mixture (orchard grass, tall oat grass, and alsike) on the heavy uplands. Sudan grass is also showing much promise. Bermuda grass is also well known throughout the cotton region. Although used primarily for summer pasturage, it grows tall enough on rich soil to cut for hay, and may be mowed 2 or 3 times a season, yielding an average of about 1 ton per acre for each cutting. Lespedeza does well with it though, like the Bermuda grass, it frequently does not grow tall enough to cut for hay. The Arlington mixture, which consists of 10 pounds of orchard grass, 20 pounds tall oat grass, and 4 pounds alsike for every acre, has been found satisfactory in every way for horses, and for this reason should command a good price in the cities. At the present time, there is a certain prejudice against orchard grass on account of its coarseness, and against tall oat grass because it is supposed to be unpalatable. These beliefs do not appear to be justified and should disappear with better knowledge. Seeding with this mixture is rather expensive, but on the red upland soils it will make a good perennial meadow so that this point is of little consequence.—U. S. Dept. of Agriculture.

From the Seed Trade.

PARIS, KY., June 17.—No seed remains in this territory except blue grass, and of this, the crop amounts to only 300,000 bus. against 900,000 bus. in 1914. The new crop is being harvested at this time. Prices are of course much higher than last year, and should continue so throughout the year.—Chas. S. Brent & Bro.

LONDON, ENG., June 7.—The market for red, white and alsike clover is quiet and unchanged. A little trade is passing in trefoil. Lucerne choice qualities are becoming scarce. The demand for sowing maize continues. There is a better inquiry for thousand headed kale, mustard and rape seed. As long as genuine English and genuine Dutch broad leaf dwarf Essex rape seed is available, it is not advisable to sell the French seed for sowing. Grasses are also quiet, but there is some demand for Festuca Pratensis, Poa Pratensis, cocksfoot and timothy seed.—C. W. LeMay & Co.

KANSAS CITY, Mo., June 11.—The trade has been misled on kafir, milo and feterita this year, as a greater amount was raised than most dealers imagined. Purchasers here were stocking up at the higher prices. Most buyers are drawing comparison between the price of corn and the price of kafir corn. In our opinion this will not figure out for the reason that there is a comparatively small amount of kafir corn used as a substitute for Indian corn. The acreage is much larger this year than last, and stocks are equal to any demand that might spring up. We would not be surprised to see a good run of kafir corn to this market within the next 30 days; it is selling at present at 1.15 to 1.16.—Henry Lichtig & Co.

FREMONT, NEB., June 18.—Sweet corn acreage is a little smaller than in former years, but field corn is about the same. All corn crops are in a very backward condition on account of excessive rains and cold weather, considerable replanting having been necessary. Farmers are still planting or replanting as fast as they can get into the fields. We have sold 5,000 bus. of early seed corn during the past three weeks in Nebraska, Iowa, Missouri and Kansas and some limited quantities in Illinois and Indiana. The varieties are mostly old, although a few new varieties are grown to a limited extent. The high prices of all farm products last year have made the farmers hold back contracting their crops for another season unless they can do so at a pretty high price and has reduced the acreage somewhat of sweet corn.—Wm. Emerson, mgr., Western Seed & Irrigation Co.

CUTTING of the clover hay crop has started in some parts. After the hay is taken off the plant needs plenty of moisture to give the seed crop a start. The big rainfall of recent weeks will help out. May be enough for the present to keep the bears from worrying. Midsummer is the serious time for clover. Some investment buying has been inspired by recollections of July and August advances of former years. The bears are not disputing the ground seriously at present. They are willing to go slow. The general outlook is for a liberal crop. Timothy advances have been due to pessimistic crop advices. Rains were too late to overcome the early spring drought in important timothy sections. Some in the big timothy region of Missouri and southern Iowa think prices will go still higher when the actual fact of a short yield is fully realized.—Southworth & Co.

ready equipped with some business training he joined the Brinson-Judd Grain Co. at St. Louis in 1898. After two years he was elected vice pres., and on the retirement of L. B. Brinson succeeded him as pres., changing the name to Brinson-Waggoner Grain Co. and two years later to Waggoner Grain Co. These several companies were all successful from a financial standpoint and enjoyed a large business.

Taking a two years' vacation that was well earned Mr. Waggoner then became connected with the W. L. Green Commission Co., and soon afterward was elected vice pres. His portrait is given in the engraving.

New Baltimore Wheat Grades.

A change in the grades of wheat of the Baltimore Chamber of Commerce went into effect June 22. Five grades were added to the list. Two grades were put in ahead of the well known Steamer No. 2 red, and rejected wheat was split up into three grades, as follows:

Steamer No. 1 Red.—Shall include soft winter wheat containing a limited quantity of sprouted and or damaged grains, garlic and or smut. It may be slightly soft or damp, but in development of grain not inferior to No. 2 red wheat.

Steamer A.—Shall include wheat inferior to Steamer No. 1, but better than the grade of Steamer No. 2.

Rejected A.—Shall include soft winter wheat not in good enough condition for the Steamer No. 2 grade, but must be clean and of good quality generally.

Rejected B.—Shall include soft winter wheat with a larger quantity of sprouted, damaged grains, smut or weed seeds than Steamer No. 2 wheat, and may be damp, but must be cool.

Rejected C.—Shall include merchantable wheat of quality inferior to Rejected B, but must be suitable in condition and quality to be handled in export elevators.

New Name for Old St. Louis Company.

The W. L. Green Commission Co., of St. Louis, Mo., since the retirement of W. L. Green in 1903 has used his name by courtesy, and the active managers of the company have now decided to place their own names on the sign as the Marshall Hall-Waggoner Grain Co.

The organization has been enlarged and the facilities for giving the most satisfactory service will be greater than ever. The capital stock has been increased from \$200,000 to \$400,000. The office will be as formerly in the Merchants Exchange, and the new company will continue to operate the 1,400,000-bu. Burlington Elevator, doing a general domestic and export grain business in Europe and Cuba.

On the staff are the following gentlemen, each giving his personal attention to serving patrons: Marshall Hall, pres.; E. L. Waggoner, vice-pres.; W. J. Ravold, sec'y; J. T. Arthur, treas.; W. T. Brooking, mgr. export department; H. H. Savage and Lester Fiedler, traveling representatives.

Mr. Hall, whose portrait is given in the engraving, began with this company in the clerical department in 1894, becoming pres. in 1903, and pres. of the Burlington Grain Elevator Co. in 1908. He has served the Merchants Exchange as a member of the Board of Directors, second vice pres., first vice pres. and in 1914 as pres.

E. L. Waggoner, vice pres., has had a broad experience in the grain trade. Al-



Marshall Hall, St. Louis, Mo.



E. L. Waggoner, St. Louis, Mo.

Feedstuffs

PURITY OATS Co. is building a large factory at Davenport for the manufacture of dry molasses feeds.

KANSAS CITY, Mo., June 10.—Recent rains have caused a decided scarcity of alfalfa.—United States Stock Food Co.

McMILLAN & HARRISON, Mobile, Ala., have arranged for the construction and equipment of a large molasses feed mill-plant.

THE AULENBACHER BILL, proposed as an amendment to the Wisconsin feedstuffs law, has been defeated in the legislature. The measure aimed to prohibit the mixing of screenings with feed.

LOVELAND & SONS, Wichita, Kan., have registered the words "Doc Loveland's P-C," serial No. 85,513, as a trade-mark descriptive of their chick feed, claiming use of the words since Jan. 1, 1915.

STANLEY, HARLOW, HAMLIN, INC., has been organized at Boston, Mass., to manufacture scientific feedstuffs. The mill of the Boston & Maine Ry. was recently purchased, providing ample storage space for the manufactured product as well as hay and meal of which the company will purchase large stocks. Capital stock is \$160,000.

PEAT has been found by some feed manufacturers to serve as a filler in molasses feeds. The substance contains from 7% to 9% of protein and is said to neutralize the acids in the molasses. The price of peat is from \$8 to \$9 per ton, compared with \$28 to \$30 for good oats, and its cheapness, therefore, is its greatest recommendation.

SOUTHWESTERN CARRIERS have filed tariffs showing general advances in the freight rates on feedstuffs including bran, corn products and shorts. It is proposed to advance the rate on these commodities to the flour rate but the sec'ys of various organizations have asked the Interstate Commerce Com'n to suspend all of the tariffs.

MISBRANDING of malt sprouts by mixture of barley chaff, pieces of grains, weed seeds and oats was alleged by the government in seizing, condemning and forfeiting a shipment of "malt sprouts" from Ohio to Indiana Harbor, Ind. The 470 bags composing the consignment were released to the claimant on giving \$500 bond to comply with the pure food and drugs act.

UNITED STATES ATTORNEY for the northern district of New York has filed a libel for the seizure and condemnation of 150 sacks of wheat bran remaining at Sidney, N. Y., alleging that the product consisted in whole or in part, of screenings. The product was labeled "100 lbs. wheat bran, from pure wheat. Analysis: Protein, 14%; Fat, 3½%; Crude fibre, 11%. F. W. Stock & Sons, Hillsdale, Mich."

A LIBEL for the seizure and condemnation of 300 bags of feed was filed Apr. 17, 1914, by the United States attorney for the southern district of New York, alleging that the product was misbranded, containing more fibre, less protein and less fat than was announced upon the label. The bags were labeled: "100 lbs., 15 to 16% Protein, 3% Fat, 12% Fibre, 45% Carbohydrates. U. S. Sugared Feed. United States Sugared Feed Co., Distributors, Milwaukee, Wis."

THE GOVERNMENT has released to the claimant, Dwight E. Hamlin, of Pittsburgh, Pa., a shipment of malt sprouts from Indiana to Pennsylvania found on analysis to contain 65 per cent of sprouts, 28 per cent of barley, chaff and pieces of grain and 7 per cent weed seeds and oats, on giving bond to rebrand. The government alleged that the purchaser was misled by the sale of the article as "malt sprouts."

UNITED STATES ATTORNEY for the northern district of Georgia has filed a libel for the seizure and condemnation of 275 bags of "Thorobred" feed, remaining at Griffin, Ga., alleging that the product was adulterated and misbranded. The libel was filed June 8, 1914. Product was labeled: "Thorobred Feed. Made by Lexington Roller Mills Co., Lexington, Ky. Maximum fiber 7.09, maximum protein 15.75, carbohydrates 63.62, minimum fat 3.83. Made from wheat middlings and wheat bran."

FEED MANUFACTURERS purchasing molasses in tank cars and paying freight on the product, estimating 11.7 lbs. to the gallon, are complaining over the loss occasioned by air bubbles. These bubbles, it is claimed, cause a considerable difference at times, in the number of gallons for which they must pay, and the number of gallons contained in the car according to weight. Of 26 cars shipped to Wichita, Kan., 17 showed a total shortage of 46,868 lbs., while the other 9 were 11,670 lbs. over. A new freight tariff has recently been issued permitting payment of freight on actual weight received.

Feed Manufacturers Meeting at St. Louis.

The seventh annual convention of the American Feed Manufacturers Ass'n was held June 10-12 at the Planters Hotel, St. Louis, Mo.

The meeting was opened by entertaining the visitors with a noon-day luncheon. John C. Reid, Chairman Entertainment Com'te, introduced Roger P. Annan, Pres. St. Louis Merchant's Exchange, who welcomed the feed dealers and said that St. Louis is the largest feed manufacturing city in the U. S. A.

Fred Mollman, Mayor of E. St. Louis, expressed his pleasure at being able to welcome the feed dealers and manufacturers.

While waiting for the Mayor of St. Louis a number of impromptu speeches were made.

G. E. Patteson, of Memphis, Tenn.: In the south an evolution has taken place in that practically all grain dealers are now handling feeds.

Geo. A. Chapman, of Chicago, Pres.: St. Louis has the honor of having had the first commercial feed factory and we appreciate the hearty welcome extended us.

The meeting then adjourned to reconvene immediately in the convention room where Mayor Kiel of St. Louis told of the merits of the city, and expressed his pleasure at seeing the good attendance.

Pres. Chapman reviewed the work of the Ass'n:

President's Address.

By concerted effort with every interest working in harmony toward uniformity of state laws toward honest products and honest representations, order has been brought out of confusion and unfair and dishonest practices have been largely eliminated from the feed manufacturing business and from a small beginning this ass'n has grown to be a great national power.

A uniform feed law has been drafted and

endorsed. Names and definitions for all feeding stuffs have been made and all feed products are now known under uniform names and definitions in every state.

Co-operation with feed control officials has been found of great help and this effort must continue. It is to be hoped that every feed control official will use every effort to have the feed laws of his state conform to the proposed uniform feed law.

The slogan of this ass'n is, "Tell the truth about your product," which is more expressively stated by saying "Swat the Lie," and this policy must be continued.

One feed manufacturer is stating the truth on his package, but in his adv. matter he falsifies by stating that his feed is made of pure oats, corn and other material. Such misrepresentation is a relic of the dark ages. Fifteen years ago there was two-thirds of a beef animal for each inhabitant, whereas in 1914 there was approximately one-third of a beef animal for each inhabitant. I am in favor of encouraging the dairy industry.

Co-operation with state experiment stations and agricultural colleges is needed. Their advice is too often based on local conditions. They do not have the opportunity of studying changing market conditions and frequently recommend rations far from economical.

The association has a large and important work ahead of it. It will surely do that work well.

Sec'y L. F. Brown, Milwaukee, read his report from which we take the following:

Secretary's Report.

During the year the holders of our Digest of Feed Laws have received corrected sheets for eleven of the state laws. Requests were made for the return of the original sheets, but some of the members have obtained the old sheets, as evidenced by the questions asked me.

Great care should be exercised in the preparation of applications for certificates for the sale of your feed products in other states. You may avoid heavy penalties by being careful.

We have won our fight in being allowed to use the term "meat scraps" when applied to a material consisting of the ground residue of animal tissue, exclusive of hoof and horn.

Alfalfa meal should be graded by using the four color plates as recommended by our ass'n.

The strict embargoes against the use of second-hand bags because of the foot and mouth disease are being modified and raised.

The executive com'te has gone on record as being opposed to letting the manufacturers sell direct to the consumers.

A list of the brands and trade names of feeding stuffs is now being compiled.

We have 130 members and if each member will help we should easily double our membership.

The Traffic Com'te report stated that vigorous efforts were being made to have railroads accept branded weights as billing weights. The employment of a traffic expert was authorized.

Friday Morning Session.

J. S. Abbott, Washington, D. C., chemist in charge of state co-operative food and drug control, Bureau of Chemistry, U. S. Dept. of Agriculture, first speaker at the Friday morning session, delivered an address on "Co-operation in the Manufacture, Sale and Regulation of Feeding Stuffs," from which we take the following:

State Regulation.

State and federal food and drug departments have established some specific and definite policies of co-operation looking toward greater efficiency in the regulatory work in which each is engaged. When a problem has been solved by one of these organizations, it is reported to the other organizations, thus preventing unnecessary work in the solution of problems which have already been solved. The joint com'te on definitions and standards is endeavoring to determine the true meaning of those words which are commonly used to describe foodstuffs and feeding stuffs and the classes and grades of the same and which are more or less warped in meaning because of misuse and abuse and varying local conditions. This is no small task. The com'te has established the policy of calling upon manufacturers and tradesmen for assistance in its efforts to find the real and

legitimate use of such words. It seeks information from this source by personal conference, by correspondence, and by public hearings to which the trade is invited. The committee is earnestly desirous of learning the whole truth about such matters. Should the trade refuse to attend such hearings, refuse to lend its assistance, it would be unfortunate. As administrative officers, food and drug officials must take cognizance of words, terms, and names found upon labels. A meaning must be assigned to these words before we can say they correctly or incorrectly describe the contents of the package.

L. A. Fitz, Manhattan, Kan., sec'y Ass'n of Feed Control Officials, made an address on "Co-operation Between Feed Control Officials and Manufacturers," from which we take the following:

Feed Control Officials and Manufacturers.

Custom has established names for certain commodities and manufacturer, dealer and consumer alike have learned to know these commodities and the results that may reasonably be expected from their use. Hence, it is manifestly unfair to apply these well known names established by custom to feeds which consist wholly or even partly of some other substance. Especially is this true when the other substance is a cheaper and less efficient commodity. Many instances of this kind may be cited, as e. g., the manufacturing and selling under the name of linseed oil cake a commodity adulterated by the addition of more or less seeds and other foreign matter known as screenings; the selling as wheat bran a mixture of wheat bran, screenings and scourgings; the use of flax screenings as an ingredient in a mixed feed and calling this ingredient flax meal. In the same class may be mentioned the excess bone in tankage or meat meal, cotton seed hulls in cotton seed meal, common river sand as grit in place of Crisco grit in poultry feeds, etc. From such practices it is only a step to the clear case of adulterating by the use of rice hulls, peanut hulls, elevator dust, humus and sand.

Another method of indirect deception sometimes practiced is the selling of a certain brand of feed composed of ingredients varying decidedly in value and efficiency until a reputation is established, then cutting down the amount of efficient, higher priced ingredients and increasing the percentage of the poorer, cheaper ingredients, but still retaining the same brand name.

The cases above mentioned are not excusable, and no manufacturer having due regard for honesty will be guilty of such practices.

On the other hand, the man who makes and sells a mixed feed under a brand name, buying the various ingredients from all sources, is certainly deserving of a good deal of sympathy and probably leniency should his feed occasionally fall below guaranty in protein, fat or nitrogen-free extract, or go above the guaranty for fiber. The same may be said of the manufacturer who utilizes the by-products of his plant for feed stuffs. He is primarily interested in the product and tries especially to keep it up to standard, letting the by-product largely take care of itself.

If you believe your cause is just, stand for it. If you must resort to the courts, put up a clean, hard fight, and may right and justice ever win. Remember, however, that many cases can be adjusted outside of the court room when all parties are possessed with the proper spirit of co-operation. If you can't get together by correspondence or through a mutual friend as arbitrator, go to see the other party to the controversy. A personal interview which enables you to properly size up the other man and his motive often enables you to effect a proper adjustment. Co-operate, remembering that to co-operate successfully the sole interest of each individual cannot be self-interest.

Let us then cultivate the friendly co-operative spirit that exists between the Ass'n of Feed Control Officials and the American Feed Manufacturers Ass'n. Together we can successfully solve the problems of law enforcement and law obedience, for "In union there is strength, but a house divided against itself shall fall."

Chas. Staff, Detroit, Mich.: I object to having a fine imposed when a manufacturer ships feed other than what he sold. It is the same as a man shipping No. 3 corn on a No. 2 corn contract, except that the corn shipper escapes the fine.

Mr. Chapman: Feed laws make for uniformity and are a good thing.

F. D. Coburn, Topeka, Kan., delivered an interesting historical sketch of alfalfa and proved its moneymaking possibilities for the farmer.

Friday Afternoon Session.

C. H. Eckles, professor of Animal Husbandry, University of Missouri: There are 20,000,000 dairy cattle. About 50% of the feed a cow eats goes for maintenance purposes. Corn produces energy for cattle at the least cost and hay produces energy at the highest cost.

Oat hulls have no more feeding value than wheat straw. Molasses has almost the same feeding value as corn. It makes many feeds palatable.

J. J. Culbertson, Paris, Tex., Pres. Interstate Cotton Crushers Ass'n: Organization and co-operation are necessary in present day business affairs.

There was grown last season 16,000,000 bales of cotton producing 8,000,000 tons of seeds. These seeds were converted into 5,000,000 bbls. of oil, 2,500,000 tons of meal, 2,000,000 tons of hulls and 750,000 tons of linters.

We do not want too much diversified farming. The cotton industry is needed as much by the north as by the south. Cotton seed meal is used for human food and a carload of cotton seed flour was sent to Belgium.

Time will come when cotton will be raised for the seed. I trust that our ass'ns may work together having in mind the best interests of all concerned.

Rolla C. Lowry, Pacific, Mo., mgr. Yesterlaid Egg Farms Co.: Ground feed for poultry should have sufficient porosity to prevent it from becoming a mass in the hen's system.

Wheat bran is often over rated as a feed. Too often it has almost no value. Some millers have good bran and some have bran which has practically no feeding value.

When hens are forced to eat weed seeds, egg production will drop.

Harold A. Abbott, mgr. Albert Dickinson Co., Chicago, Ill., made an address on "The Poultry Feed Industry," from which we take the following:

The Poultry Feed Industry.

Fifteen years ago saw practically the first concerted effort put forth to blend or mix a balanced ration poultry feed with high-grade material; so it might well be said to the credit of the retailer that he was justified in the skeptical opinion of commercially manufactured feeds at that time. Secondly, it was not an easy task to convince this same gentleman that a more profitable business could be conducted by handling a well-recognized manufactured product, in neatly branded sacks of convenient size, which did not offer the opportunity of loss in shrinkage or deterioration incidental to bulk grain handling. Then, again, to substitute a manufactured feed for whole grain or screenings, which in the past had been recognized as standard dietetic food for the chicken, and which had apparently produced a fair return for the investment, was a hard struggle upon the part of the retailer to determine whether he was truly serving the best interests of his customers as well as himself. A step in the wrong direction would be business ruin, yet the new converts of ready mixed feed were beginning to ask for the new product for experimental purposes, not fully convinced of its results to warrant a guarantee of its continued use. I am glad to say at this time, tho, that such skepticism and doubt on the part of the retailer has long since disappeared, and wherever a community justifies it you will find a staunch supporter and advocate of manufactured poultry feeds, and a purchasing power often second to no other line he carries.

The industry from a small beginning has developed with rapid strides, until today we behold the spectacle of human labor

being supplanted by a most thoro and positive system of automatic proportioning and blending of ten or twelve feed ingredients, into a perfect balanced ration for the requirements of the poultry world. It is being accomplished much more economically, accurately, and with greater facility than the scoop shovel methods previously in existence. It has enabled the concentration of large manufacturing plants in all sections, which are logically situated to economically produce their products, and serve the interests of their communities, and many times ship to points quite distant. This is especially true of several large market centers which afford excellent opportunities for buying, manufacturing and shipping facilities.

These advantages all work for the good of the retail merchant, and ultimate consumer, as it permits of the economic assembling of a product consisting of such varied component parts. The net result means economical cost production, and a lower price to both retailer and consumer, who are not so fortunately situated or properly equipped to do the mixing as it should be done. This can easily be brought forcibly home to the unsophisticated, if he will but stop to ponder over the fact that one hundred leading manufacturers have undoubtedly a total capital investment for the poultry feed business alone of \$20,000,000.

At this time the advancement of the industry has been such as to require the same efficient sales representation and advertising support as will be found in the older branches of the feed industry. The marketing methods are much the same, and usually an experienced feed man will be well posted in regard to poultry feed requirements. Freight rates, of course, have a considerable bearing upon the marketing possibilities of any commodity of moderate cost, based upon the unity of weight and handled upon a close margin of profit. For this reason it behooves all those interested, whether manufacturers, jobbers, retailers or consumers to support the contention of just and equitable treatment by the railroads of freight rates based upon quantity shipments, which will permit of meeting legitimate grain or grain product competition.

Contrary to the generally accepted opinion of the inexperienced, the poultry feed manufacturing business does not offer any opportunity for the get-rich-quick. Probably there is no other line of business endeavor, which is being conducted upon as small a net return for the investment. It is no disparagement, however, because the liberal thinker realizes this factor as a trade necessity, but it bespeaks the commendation that is due for the sound, substantial, economical operation and maintenance of such an industry. It is an essential asset to the allied industry of poultry raising, and a source of fundamental support. It permits of the economical buying of the poultry feed stuffs, which probably more than any other factor contributes to its financial success.

The very fact of its small margin operation should make it a desirable thing upon the part of the consumer, as well as the dealer, to purchase as large and liberal quantities as is consistently possible, so as to avoid the loss and resultant higher prices which are created by the higher unit cost of handling.

Mr. Dealer should keep this well in mind, and in turn suggest and emphasize to his customers the economic principle involved, for the consumer's worst mistake often lies in purchasing in small or disproportionate quantities, and the wastefulness of such fallacy reflects upon all parties concerned.

Poultry feeds as a rule are of such a character and manufactured of such materials, as are easily recognizable with the naked eye, and in this respect differ from many other lines of feedstuff. Irrespective of this fact, most state laws provide for the same methods of guarantee and rigid inspection which apply to other feeds. The dealer and consumer are amply protected, and there is no excuse for the purchase of any poultry feed which does not measure up to the quality standard.

It is common advice to the feeder to flavor his eggs with sweet, wholesome food. Let it be not only suggested, but rammed home that business too often suffers from a distrust engendered by competitive cheapness or the endeavor to outdo the other fellow by price and quality cutting. Do not allow yourself to be guided by a false god, but permit the flavor of the sweet and wholesome to enter into your everyday business life and permeate your motives as well as your products. Decry at once any attempts to injure the industry, and in doing so, above all, check any tendency toward quality de-

preciation. Build, do not destroy. Grow with progressive instincts and progressive policies.

This article is not in defense of the industry, for it needs none, as its necessity and usefulness are well recognized, but, upon the contrary, to glorify and proclaim with vehemence its good record and reputation, built upon the solid foundation of achievement.

Banquet at Sunset Inn.

Adjourning at 5 p. m. 35 automobiles were loaded with 179 feed manufacturers and their friends for the 30-mile ride thru Forest Park to Sunset Inn. Here the guests were seated at tables on the veranda overlooking the Meramec Valley and all saw the beautiful sunset. The table decorations, the banquet and the entertainment were pleasing reminders of the efficiency of the entertainment com'te.

Saturday Morning Session.

It was decided that a new alfalfa color plate be made for "choice grade" alfalfa.

Co-operative advertising was discussed and definite action was deferred.

Mr. Staff: I object to the work of the agricultural papers which continually advocate that dairymen grow their own grain and mix their own feed.

Mr. Reid: I am in favor of a campaign of education which shall inform the farmer of the necessity of increasing the number of cattle on the farm. About \$7,000 has been subscribed to a fund which has this object in view.

Resolutions were adopted thanking the entertainment com'te, making available the guarantee fund in which \$1,500 remains, and opposing the elimination of the retail feed dealer.

G. A. Chapman, Chicago, was re-elected pres.; S. T. Edwards, Chicago, first vice-pres.; D. S. Brackett, St. Louis, second vice-pres.; J. T. Morgan, Milwaukee, third vice-pres.; W. R. Anderson, Milwaukee, treas., and L. F. Brown, Milwaukee, re-elected sec'y.

Adjourned sine die.

Convention Notes.

Canes and pennants were freely distributed.

Mente & Co. gave leather purses as souvenirs.

Badges of appropriate design bearing the legend A. F. M. A. were worn.

Two auto loads were "pinched" for speeding. The other cars were two fast to be caught.

Feed manufacturers are good feeders. One man handed out samples of cotton seed meal candy. Everybody grabbed.

Machinery and supply men present were M. Bulleman, rep'tg Richardson Scale Co.; Wm. M. Williams, rep'tg B. F. Gump Co.; A. E. Chapman, Harry Hamaker and J. H. Yore.

All visiting members not compelled to leave on early trains attended the baseball game Saturday afternoon. This concluded the continual round of pleasure provided by the entertainment com'te.

Among the feed manufacturers present were: H. A. Abbott, rep'tg Albert Dickinson Co., Chicago; J. W. Anderson, Kansas City, Mo.; A. W. Bosworth, Pine Bluff, Ark.; J. Boyce, Davenport, Ia.; C. M. Burpee, Indianapolis, Ind.; S. T. Edwards, Chicago, Ill.; Thos. and Fred Emmert, Cincinnati, O.; F. G. Futvoye, Chicago, Ill.; J. H. Genung, Indianapolis, Ind.; Harry Halliday, Cairo, Ill.; L. E. Harmon, Buffalo, N. Y.; R. M. Laurence and Peter McIntyre, Memphis, Tenn.; R. E. Nye, Hartman, Colo.; G. E. Patteson, Memphis, Tenn.; E. Pincoffs, Chicago, Ill.; C. J. Reed, St. Louis, Mo.; A. H. Schmidt, Kansas City, Mo.; F. R. Slauson, New York, N. Y.; W. F. Tuttle, Kansas City, Mo.; C. L. Walker, Temple, Tex.; H. R. Wilber, Jamestown, N. Y., and F. M. Wilson, Hartman, Colo.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

C. B. & Q. in Sup. 15 to 964-B quotes rates on grain from Chicago to other Ill. stations, effective June 25.

Mich. Cent. in Sup. 7 to 9233-A names rules governing transit privileges on grain at Mich. points, effective July 1.

C. & E. I. in Sup. 5 to 478 quotes milling and malting in transit privileges on grain and grain products at C. & E. I. stations, effective July 15.

Mich. Cent. in 9525-B quotes ex-lake rates on wheat, oats and barley from Detroit, Mich.; to its stations and connections, effective July 1.

C. B. & Q. in Sup. 36 to 5100-B quotes rates on grain between stations on the C. B. & Q. Ry., and points on the Ft. D. D. M. & S. Ry., effective June 5.

C. & N. W. in Sup. 4 to 7611 quotes rates on grain and seeds originating on the C. & N. W., P. R. C. & N. W., and the W. & N. W. Rys., effective July 10.

C. & A. in Sup. 11 to 1570-D quotes milling, malting and transit privileges on grain, grain products and seeds at stations of the C. & A. Ry., effective July 10.

C. & N. W. in Sup. 9 to 7548 quotes rates on grain and flax seed from stations in Ill. and Wis., to stations in Ia., Minn., N. D., and S. D., effective July 15.

P. C. C. & St. L. in Sup. 10 to 593-P quotes rates on grain and grain products from its stations and connections to stations in C. F. A. territory, effective July 1.

C. & A. in Sup. 9 to 1609-C quotes rates on grain, grain products and seeds from Chicago, Peoria, Ill., and St. Louis, Mo., to stations on the C. & A. in Mo., effective July 1.

C. B. & Q. in Sup. 8 to 1346-B quotes rates on grain and grain products from Chicago, Peoria and E. St. Louis, Ill., to other stations on the C. B. & Q. Ry. in Ill., effective July 10.

C. & N. W. in Sup. 18 to 1363-A quotes rates on grain, grain products, broom corn and flaxseed from stations in Ill., Wis., Ia., and Minn., to stations in Neb., Wyo., and S. D., effective July 1.

C. B. & Q. in Sup. 57 to 3200-B quotes rates on grain and grain products from Missouri River points to Chicago, St. Louis, St. Paul, Minneapolis, Winona, and La Crosse, effective July 1.

A. T. & S. F. in Sup. 16 to 7481-D quotes rates on grain products and seeds from stations in Kan., Colo., and Okla., Mo., Neb., to points in Ala., Ark., La., Mo., Miss., Tenn., effective July 12.

C. & N. W. in Sup. 12 to 10110 quotes rates on grain and flaxseed from Chicago, Ill., and Milwaukee, Oshkosh, Wis., to stations on the G. B. & W. Ry., and the K. G. B. & W. Ry., effective July 1.

D. T. & I. quotes a rate of 8.2c on wheat, corn, barley, rye, buckwheat, oats, milo maize, kafir corn, pop corn, spelt and screenings of the above from Waverly, O.; to Milton, W. Va., effective July 6.

C. & A. in Sup. 11 to 1620-B quotes rates on grain and grain products from Alton, Granite City, E. St. Louis, Lincoln, Lockport, Pekin, Peoria, Springfield, Venice, Ill., and St. Louis, to stations on other lines in Ill., Ia., Minn., Mo., and Wis., effective July 1.

C. B. & Q. in Sup. 15 to 3662-E quotes rates on grain and seeds over the C. B. & Q., I. & St. L., Q. O. & K. C., R. P. L. & N., and the T. & N. Rys., and also quotes regulations on grain, grain products, seeds, etc., including general arrangements for stopping in transit to shell or clean, effective July 1.

Erie in Sup. 3 to B-6382 quotes ex-lake rates on wheat, oats, corn, barley, flaxseed and rye from and east of Buffalo, Black Rock, East Buffalo and Buffalo Lake, N. Y.; to eastern cities, effective July 5.

Western Trunk Lines, in Sup. 55 to Circular 1-J, quotes allowances for invisible loss on shipments of grain and switching and reconsigning charges on grain products at Missouri River points, effective July 1.

C. B. & Q. in Sup. 10 to 1362-I quotes rates on grain, grain products and seeds from St. Paul, Minneapolis, Duluth, Stillwater, Winona, Minn., and La Crosse, Wis., to stations in Ill., Ind., Ky., Ia., Mo., and Wis., effective June 25.

C. B. & Q. in Sup. 18 to 6786-D quotes rates on grain and grain products from Mississippi River points, including Dubuque, Ia., to Louisiana, Mo., Brookport, Cairo, Metropolis and Mounds, Ill., Evansville, Ind., Cincinnati, O., Paducah and Louisville, Ky., effective July 1.

C. B. & Q. in Sup. 46 to 1800-B quotes rates on grain, grain products, broom corn and seeds from stations west of the Missouri River to Chicago, Peoria, Ill., St. Louis, Mo., St. Paul, Minneapolis, Duluth, Minn., and other points on lines east of the Missouri River, effective July 1.

C. R. I. & P. in Sup. 18 to 13207-F quotes rates on grain, grain products and seeds from Kansas City, St. Joseph, Mo., Armourdale, Atchison, Leavenworth, Kan., Council Bluffs, Ia., Omaha and South Omaha, Neb., to stations in Ill., Ia., Mich., and Wis., on connecting lines, effective July 12.

C. B. & Q. in Sup. 11 to 1362-I quotes rates on grain, grain products and seeds from St. Paul, Minneapolis, Duluth, Stillwater, Winona and La Crosse to stations in Ill., Ind., Ky., Green Bay and Kewaunee, Wis., also to points east of the Ill.-Ind. state line or south of the Ohio River, effective July 1.

A. T. & S. F. in Sup. 23 to 5702-D quotes rates on broom corn, pop corn, castor beans and seeds from points in Kan., Colo., Okla., Neb., and Mo., to Kansas City, St. Joseph, Mo., Atchison, Leavenworth, Kan., Omaha, Lincoln, Neb., Sioux City, Ia., Chicago, Peoria, Ill., St. Louis, Mo., St. Paul, Minn., effective July 18.

C. R. I. & P. in Sup. 11 to 29329-A quotes rates on grain, grain products and seeds from Armourdale, Atchison, Fort Leavenworth, Leavenworth, Kan., Council Bluffs, Ia., Kansas City, St. Joseph, Sugar Creek, Mo., Omaha and South Omaha, Neb., to stations in Ill., Ind., Ia., Minn., Mo., S. D., and Wis., effective July 12.

M. O. & G. quotes an export rate of 21½c on corn and 23½c on wheat from Lehigh, Booneville, Nixon, Stonewall, Frisco, Ada and Traux, Okla.; to Gretna, Algiers, New Orleans, Westwego, La., Galveston, Texas City and Port Arthur, Tex.; and 22c on corn and 24c on wheat from Center, Okla.; to same points, effective July 3.

C. B. & Q. in Sup. 24 to 4000-B quotes rates on grain, grain products and seeds, from Chicago, Peoria, Ill., St. Louis, Mo., Minneapolis and St. Paul, Minn., to stations in Ia. and Mo., also from stations in Ia. and Mo., to Brookport, Metropolis, Ill., Memphis, Tenn., Mobile, Ala., New Orleans, La., and Cairo, Ill., effective July 1.

C. & E. I. in Sup. 36 to 622-B suspends proposed rates on grain, grain products, corn cobs, broom corn and seeds from C. & E. I. stations to points in Ala., Ark., Conn., Del., D. C., Ill., Ind., Kan., Ky., La., Me., Md., Mass., Mich., Minn., Miss., Mo., N. H., N. J., N. Y., O., Pa., R. I., Tenn., Vt., Va., W. Va., Wis., and points in Canada until Sept. 30.

C. & A. in Sup. 7 to 1574-B quotes rates on grain, grain products and seeds from Kansas City, Blue Springs, Fulton, Gilliam, Glasgow, Higginsville, Marshall, Mexico, Odessa and Slater, Mo., to Cairo, Ill., Evansville, Ind., and Mississippi Valley points in Ala., La., Miss., and Tenn., also to Key West, Fla., Mobile, Ala., New Orleans, La., Pensacola, Fla., Port Chalmette and Westwego, La., when for export, effective July 7.

C. R. I. & P. in Sup. 8 to 19690-F quotes rates on grain, grain products, broom corn, and corn husks from stations in Colo., Ia., Kan., Mo., Neb., N. M., and Okla., to Little Rock, Ark., Memphis, Tenn., New Orleans, La., and stations in Ala., Ark., La., Miss., and Mo., also on corn from Memphis, Tenn., to points in Okla., effective July 12.

C. R. I. & P. in Sup. 19 to 28675-B quotes rates on grain, grain products, broom corn and seeds from Chicago, Council Bluffs, Kansas City, Minneapolis, Omaha, Peoria, Rock Island, St. Joseph, St. Louis, St. Paul and other stations in Colo., Ill., Ia., Kan., Mo., Neb., and Okla., to points in Colo., Kan., Mo., Neb., N. M., and Okla., effective July 12.

C. R. I. & P. in Sup. 89 to 10389-C quotes rates on grain, grain products, flaxseed, millet seed and feed from St. Louis, E. St. Louis, Alton, Quincy and Hannibal to stations in Ill., Ia., Neb., Minn., Mo., and S. D., and on grain and grain products from stations in Ia., Minn., and S. D., to Cairo, Thebes, Ill., Evansville, Ind., and Louisville, Ky., when destined to south-eastern territory, effective July 12.

C. R. I. & P. in Sup. 31 to 27537-B quotes rates on grain and grain products from stations on the C. R. I. & P. in Ill. and Ia., to Albany, N. Y., Baltimore, Md., Boston, Mass., Montreal, Quebec, Can., New York, N. Y., Philadelphia, Pa., Rochester, Syracuse, Utica, N. Y., and other eastern points, also quotes rates on grain, grain products and flaxseed from stations in Ill., Ia., Kan., Minn., Mo., and Neb., to stations in Ill., Ind., Ky., N. Y., O., and Pa., effective July 9.

D. L. & W. quotes an export ex-lake rate of 6c on wheat and flaxseed, 5.25c on barley and shelled corn, 5.75c on rye and 4c on oats from Buffalo, N. Y.; to East Boston, Mass., and from Oswego, N. Y.; to New York Lighterage Station, N. J., and points within lighterage limits of New York; also from Buffalo, N. Y.; to Baltimore, Md., Philadelphia, Pa., Boston, Mass., New York Lighterage Station, N. J., and points within lighterage limits of New York Harbor; and 5.70c on wheat and flaxseed, 4.95c on shelled corn, 5.45c on rye, 5.05c on barley and 3.80c on oats from Buffalo, N. Y.; to Baltimore, Md., and Philadelphia, Pa., effective July 5.

Managers of Farmers Elevators Meet at Minneapolis.

The National Ass'n of Managers of Farmers Co-operative Companies held its annual meeting at Minneapolis, Minn., June 10 to 12.

The United States Government took an active part in the proceedings, being represented by three speakers discussing different subjects.

C. E. Bassett, of the Office of Markets and Rural Organization of the United States Government, advocated the reorganization of farmers elevator companies on a co-operative basis so as to conform to the Clayton amendment to the Sherman anti-trust law.

John R. Humphreys, of the Office of Markets of the Department of Agriculture, tried to explain an elaborate accounting system that the government has planned for co-operative elevator companies. His talk was illustrated by lantern slides. By using the government system Mr. Humphreys said the elevator manager will become more than a mere buyer of grain.

W. P. Carroll, of the Office of Grain Standardization, Bureau of Plant Industry, U. S. Dept. of Agriculture, gave an able address on "Government Grades and Interests Benefited by Uniform Standards for All Grains," from which we take the following:

GOVERNMENT GRADES.

The moisture content of wheat has been found to be almost as important as it is in corn. Upon this factor depends the

keeping qualities of the wheat and the quantity and quality of the products that can be made from it. Good wheat will vary during the harvest season from 9 to 14 per cent of moisture, depending upon the season and the locality. The shrinkage in a quantity of wheat containing 14 per cent of moisture is a considerable item if kept from the fall to the following spring. To demonstrate this fact, suppose a 1,000-bushel lot of wheat containing 14 per cent of moisture had been purchased during the harvest season for \$1.50 per bushel, and is stored until the following summer or until it contains but 10 per cent of moisture. There is a shrinkage in this case of 44.5 bushels. This shrinkage at \$1.50 per bushel amounts to \$66.75 or a loss of 6 1/2 cents per bushel on the original purchase. Furthermore, great care must be exercised with wheat containing as much as 14 per cent of moisture or it is very liable to heat or become musty unless it is frequently turned over.

Dirt or foreign matter is also a factor of great importance, since it is useless for the manufacturer of flour, and in most cases is waste. Moreover, dirt mixed through wheat with more than the normal amount of moisture will often cause heating and mustiness the same as it does in corn.

Damaged wheat, which may include such terms as blighted, scabby, shrunken, sprouted, and heated wheat is an important factor affecting the intrinsic value of wheat. Nearly all lots of wheat contain some defective kernels, so that, technically speaking, there is but little sound wheat upon the market. No grade can be absolutely sound since, from the nature of things, all wheat has some defective kernels. Hence, before definite grades can be established intelligently and justly, the effects of such damage when found with sound wheat must be ascertained in order to have the grades express degrees of quality.

The oats entering commerce is next in importance to corn in so far as volume of trade is involved. It has also been found that moisture is an important factor in oats, because the amount of moisture present has a direct bearing on the shrinkage, and the attendant danger of deterioration from heat, which are risks that must ever be borne in mind by those who handle oats. Due weight will very probably be laid on the factors of dirt and foreign grains, because there are but few people buying oats who care to pay for dirt and admixtures of other grains at oat prices. The same may be said of damaged oats caused by carelessness in handling, because this kind of defect is always discriminated against by users of oats.

During the harvest season, investigations have been made on farms and at country elevators where many facts have been collected in regard to the amount of dirt and foreign grains that are found in oats when handled under good conditions. Such investigations will be of great assistance in determining what percentages of these factors should be tolerated in the standard grades, inasmuch as it is almost an impossibility to find many oats absolutely free from dirt and other grains.

When federal grades for wheat and oats are formulated the chief aim will be to have them practical, specific and definite. The producer who harvests his grain and the dealers who risk their money in handling the grain from the producer to the consumer are entitled to know what their grain will grade in order to transact their business intelligently. Then, in justice to the consumer, he is entitled to know what to expect when he is buying. The factors affecting and distinguishing the grades should be described in definite terms and not in abstruse phraseology capable of being used to meet the ends of the parties interested which at times has made somewhat of a farce of grain grading.

Benefits.—Every person who does an honest, open and legitimate business in grain will be benefited by uniform grain grades. The list of beneficiaries will include farmers, feeders, country elevator managers, receivers and shippers in terminal markets, the warehouse men, and the millers. All interested parties will then fully understand the requirements of the different grades, and with a knowledge of these requirements each one will be in a position to know the grade of his grain and can transact his purchases and sales in an intelligent manner.

Those who have good grain will then be in a position to demand a just deal, and the one who has poor grain will be able to learn what he must do to improve his grain in order to receive a higher grade and a consequent higher price. Each grade should represent a certain definite quality that will hold true from year to year. There is no sound, valid reason why grain of the

same class given a certain grade in one market should not receive the same grade and classification, condition and quality remaining the same, in every other market in the United States.

There are still a few people who maintain that grades should vary from year to year to fit the crop. There can be no arguments advanced, that lowering a standard in order to give a name or brand underserved to a lot of grain will change the material value of the grain. A miller can make no better or more flour from a quantity of No. 3 wheat, just because somebody has labeled it No. 2 wheat. If a lot of grain has been graded higher than it deserves it may for a time sell for more money than it would if it had been properly graded, but such misgrading will soon be discovered, and the "fictitious" or "watered" value given to deceive the buyer will fall as a house of cards. It is the reputation and the maintenance of the standard that gives stable values to grades.

To have uniform inspection and the resultant uniform grading that is now so much desired through the country the limits and phraseology must be such that there will be no question as to what is required. All vague and indefinite descriptions must give way to specific and definite terms, so that the handlers of grain may know what grades they possess. The whole country will then be an open market, and any dealer will know where he can buy or sell the most advantageously. With definite and specific terms, it is contemplated that a vast majority of the complaints, bickerings, and petty annoyances now existing will be greatly reduced, and contentment and good will will abide among the great number of men who compose the American grain trade.

John G. McHugh, sec'y of the Minneapolis Chamber of Commerce, defined the difference between speculation and gambling and explained how to do hedging. "The assumption of the speculative risk on grain is like the fire hazard assumed by the fire insurance company which relieves the general public of the risk and places it upon those better able to assume it."

"Unfortunately a great number of individuals engage in speculation both in grain and real estate who are not justified from any standpoint in assuming such risks. The problem is to permit the farmers elevators and the farmers themselves to do a legitimate hedging business and at the same time shut out those seeking to use the future market for speculative purposes. It may be done by co-operation of all grain exchanges."

H. M. Giles, Minneapolis, discussed "Mutual Fire Insurance."

A resolution was adopted praising President Wilson for his stand on the international relations of the country.

Saturday afternoon the delegates were the guests of the Minneapolis Commission Merchants Ass'n at Lake Minnetonka, which was reached by special cars.

The following officers were elected for the ensuing year: H. S. Cragg, Beaver Creek, Minn., pres.; S. W. Unkenholz, Mandan, N. D., vice pres.; Iver S. Henjum, sec'y and treas., Hartford, S. D.; Emmett Cooper, Lucas, Kan., second vice pres. Directors—W. J. Hunt, Cavour, S. D.; E. J. Bergfield, George, Ia.; Edward Burg, Jasper, Minn.; T. B. Martin, Colton, S. D.; A. W. Steen, Protection, Kan.; F. S. De Long, Omaha, Neb.; E. W. Evans, Morgan, Minn.; F. S. Neil, Earlville, Ill.; R. A. Rasmussen, York, N. D.; D. D. Mullenberg, Sioux Center, Ia., and W. A. Galbraith, Oyens, Ia.

WINNEPEG recently received a carload of wheat from the north-central portion of Alberta. The grain was carried on sleds to the end of Edmonton, where it was loaded in a car of the Edmonton, Dunvegan & British Columbia Ry. From that road it was transferred to the Grand Trunk Pacific, which carried it to Winnipeg. H. L. Propst of Vanrenna, Alberta, was the shipper.

Grain Trade News

ARKANSAS

Pine Bluff, Ark.—A. W. Bosworth has been recently appointed sales manager of the Marco Mills.

Barling, Ark.—The Farmers Mlg. & Feed Co., of which Andrew Geheb is pres., is building an elvtr. and flour mill.

CALIFORNIA

San Francisco, Cal.—The office of Strauss & Co., of London, Eng., importers of wheat and barley, has been closed and the company may close their office at Portland, Ore.

Arlington sta. (Riverside p. o.), Cal.—We will build a 10,000-bu. elvtr., warehouse for sacked feed, barley roller, feed grinder and mixer and coal bunkers on the Pacific Electric R. R.—J. E. Winship & Sons.

CANADA

Montreal, Que.—G. T. Browns has been admitted to membership in the Board of Trade.

Vulcan, Alta.—A. Lee has purchased the Taylor Elvtr. and will erect another with a capacity of 30,000 bus.

Davis, Sask.—F. T. Graves is now operating the elvtr. of the Fyfe Grain & Elvtr. Co. which recently dissolved.

Regina, Sask.—Herbert L. Dorn, who manages a line of elvtrs. in Canada, has been married to Miss Anna Bartlett at South Sioux City, Neb.

Dalemead, Alta.—I will go to Cherokee, Okla., for a couple of months, but will be back here again in the fall to work for the same company.—Ray S. Drake, agt. Pioneer Grain Co.

Toronto, Ont.—S. H. Pitts, pres. of the Niagara Grain & Feeds Co., Ltd., died June 14 at the age of 44, following an operation for appendicitis. He was formerly mgr. of the Kemper Grain Co. at Hutchinson and Wichita, Kan., coming here from Kansas City, Mo., 3 years ago and operating as S. H. Pitts & Son, until a year ago, when he formed the present company and built a feed mill at Port Colborne. He is survived by his wife and son.

WINNIPEG LETTER.

F. M. Morgan, formerly mgr. of the establishment of the Ames Holden McCreedy Co., at Edmonton, has been transferred to this city.

Charles W. Coyle, grain buyer for the N. Bawlf Co., was drowned at Shebo, Sask., recently, when the boat he was rowing capsized.

Norman Patterson, of N. M. Patterson & Co., was recently made the recipient of a beautiful chest of silver by the members of the Grain Exchange in view of his approaching marriage.

On behalf of the shippers' section of the Winnipeg Board of Trade and of the Winnipeg Grain Exchange, an agreement was presented June 12 by G. E. Carpenter before the railway com's'n against the proposal of the C. P. R. to increase the inter-switching charges in Winnipeg. The hearing was a continuation of the hearing held Feb. 2 in Ottawa. No decision of the point involved was given by the com's'n. It will take the matter into consideration and decide later.

COLORADO

Mattison, Colo.—The Welty Lumber Co. will build a 15,000-bu. elvtr.

Calhan, Colo.—The Calhan Lumber Co. will build a 15,000-bu. elvtr.

Limon, Colo.—The Russell Gates Mercantile Co. and the Limon Equity Ass'n are building 25,000-bu. elvtrs.

Byers, Colo.—Work on our new 15,000-bu. elvtr. is progressing and will be completed about July 1.—Crescent Mill & Elvtr. Co., Denver.

Lamar, Colo.—The Lamar Mlg. & Elvtr. Co. has installed a Hall Signaling Distributor in its new 100,000-bu. reinforced concrete elvtr.

Harmony sta. (Fort Collins p. o.), Colo.—The Fort Collins Mill & Elvtr. Co. is installing a Hall Signaling Distributor in its recently completed elvtr.

Seibert, Colo.—B. F. Roller, prop. of the Roller Grain Co., has sold his new 15,000-bu. elvtr. which has just been completed, to Hugh Baker, of Burlington.

Denver, Colo.—Wm. H. Weirman, mgr. of the grain dept. of the Summit Grain & Coal Co., and Miss Grace Elizabeth McDougle, of Colorado Springs, were married June 1.

Iliff, Colo.—Contract has been let by the O'Donnell Grain Co. for an 8,000-bu. elvtr. to the R. M. Van Ness Construction Co. Work has been started and the house will be finished before fall.

Longmont, Colo.—The recently organized Farmers Union Co-operative Elvtr. & Supply Co. will build a 40,000-bu. concrete elvtr. at once on the site which it purchased a short time ago.

Denver, Colo.—We have leases on 5 or 6 sites on which we expect to erect elvtrs. during the next 60 days. These will be operated thru our office here.—T. D. Phelps, mgr. Farmers Grain Co.

IDAHO

Lewiston, Ida.—We are building a new 40x200 ft. warehouse.—Peter Muench, agt. J. Alexander Co., Ltd.

Arimo, Ida.—The 40,000-bu. elvtr. of the W. O. Kay Elvtr. Co. which burned Dec. 21, 1914, has been repaired and will be operated this season.—X.

Idaho Falls, Ida.—The Idaho Mlg. Co. has let contract for a new elvtr. which will increase its storage capacity to 200,000 bus. The company is also installing new machinery in its mill.

Iona, Ida.—The Western Mlg. & Elvtr. Co., of Denver, Colo., will install Hall Systems in its new elvtrs. which will be built here and at Ririe sta. (no p. o.), Roberts and Newdale sta. (no p. o.).

ILLINOIS

Emden, Ill.—Hildebrandt Bros. have painted their elvtr.

Lisbon, Ill.—No grain elvtrs. are located at this station.—X.

Mt. Pulaski, Ill.—The Mt. Pulaski Grain Co. will install a Boss Car Loader.

Harmon, Ill.—W. Finegan has succeeded B. Coe as agt. of the Neola Elvtr. Co.

Athens, Ill.—The C. & N. W. Ry. Co. contemplates the erection of an elvtr.

Mahomet, Ill.—The Mahomet Grain Co. has installed a Boss Car Loader in its elvtr.

Sheldon, Ill.—A joint meeting of Illinois and Indiana grain dealers was held in this city June 23.

McVey, Ill.—We are putting in scales and a track loader.—A. S. Carter, P. S. Carter & Co., Girard.

Peoria, Ill.—J. Ridge, who has been ill, is again managing the business of S. C. Bartlett & Co.

Steward, Ill.—We are reshingling our elvtr. and making minor repairs.—Agt. Neola Elvtr. Co.

Garfield, Ill.—The Garfield Grain & Coal Co. is installing a Hall Signaling Distributor in its elvtr.

Camargo, Ill.—Having sold my elvtr. to the National Elvtr. Co. I will retire from the grain business.—J. H. Howe.

Fisher, Ill.—L. E. Farlow, mgr. of the Farmers Grain & Coal Co., injured his foot when he stepped on a nail recently.

Golden, Ill.—The Selby Grain Co. is completely overhauling its elvtr. here and improving its houses at other stations.

Chippa, Ill.—I bot the half interest of my partner in the firm of Davis & Warren and am now sole owner.—F. A. Warren.

Evansville, Ill.—The Sauers Mlg. Co. has installed a Constant Steel Manlift in its new 75,000-bu. reinforced concrete elvtr.

McLean, Ill.—The elvtr. of Darnell & Spence is being torn down and will be replaced at once with a modern structure.

Pinckneyville, Ill.—John Waldeman, of St. Louis, Mo., is now supt. of the Pinckneyville Mlg. Co., operating an elvtr. here.

Birkbeck, Ill.—The J. A. Harrison Grain Co. has installed a 1,750-bu. Richardson Automatic Scale in its recently acquired elvtr.

Jacksonville, Ill.—F. P. Smith & Co., of Decatur, have opened an office here with Logan & Bryan's wire. A. H. Smith is in charge.

Radom, Ill.—My father, M. D. Pawlowski, died 2 months ago. I am in the grain, flour and feed business here.—Frank Pawlowski.

Pittsfield, Ill.—John T. Briggs, supt. of the M. D. King Mlg. Co., is now in a hospital where an operation will be performed.

Thawville, Ill.—I have just finished painting and repairing my elvtr. after the damage done by a recent storm.—G. W. Maddin.

Union Grove, Ill.—W. B. Bull of this city has placed contract for a new cribbed elvtr. on concrete foundation with the 3 Americas Co.

Quincy, Ill.—A joint local meeting of the grain shippers of Illinois and Missouri will be held at 2:30 p. m. today at the Newcomb Hotel.

Sloan's Crossing (no p. o.), Ill.—A small elvtr. will be built here on the site recently purchased by F. Sloan, John Freeman and other local men.

Thomasville, Ill.—I am mgr. of the new elvtr. of the Litchfield Mill & Elvtr. Co. which is in good shape and ready for business.—T. T. Hobson.

Oswego, Ill.—The Oswego Farmers Grain Co. incorporated; capital stock, \$15,000; incorporators, Myron Wormley, Frank Herren and James Campbell.

Atkinson, Ill.—We are not putting lightning rods on our building as has been reported, but are making some improvements.—Farmers Grain Co.

Decatur, Ill.—About 20 grain dealers held a meeting in the office of Ware & Leiland recently and discussed ways and means for handling the crop.

Galesville, Ill.—Jones & England have succeeded Roy H. Jones & Co. here and at Lodge sta. (Monticello p. o.) and I will be retained as mgr.—W. E. Dillavan.

Champaign, Ill.—G. P. Beringer, who represents Gardiner B. Van Ness in Illinois, will have an office at the Beardsley Hotel during the wheat and oats season.

Teheran, Ill.—Theo. Cox will remain in charge of the elvtr. which we recently took over from the Turner-Hudnut Co.—M. C. McCreery, J. A. McCreery & Sons, Mason City.

Rochelle, Ill.—P. R. Diederich is building a new elvtr. Equipment includes 2 Hall Distributors, manlift, cleaner and a Fairbanks-Morse Wagon Scale and Gasoline Engine.

Sciota, Ill.—H. J. Wykle, H. Allshous & Co. and myself are repairing the interior and exterior of our elvtrs., painting, putting new siding on and building new driveways.—E. E. Sapp.

Ottawa, Ill.—Day & Kirby, of Earlville and De Kalb have established a private wire office. M. M. Day formerly conducted a grain office and has a number of friends and acquaintances here.

Kincaid sta. (Taylorville p. o.), Ill.—Norman Covert, who has resigned as agt. of the elvtr. of Twist Bros. to engage in the implement business, will be succeeded by Albert Purnell, of Pawnee.

Mason City, Ill.—Raymond McCreery, junior member of J. A. McCreery & Sons and mgr. of the company's elvtr. at Hubly sta. (Sweet Water p. o.), was married June 15 to Miss Louise Cargill.

Clinton, Ill.—The headquarters of the J. A. Harrison Grain Co. are being moved from Heyworth to this city. A 1,750-bu. Richardson Automatic Scale has been installed in its recently acquired elvtr.

Morrison, Ill.—We have just completed our new 17,000-bu. concrete elvtr. and 20x25 ft. brick office. We have a 19 ft. driveway with a scale and hopper between the 2 buildings.—C. A. Renkes, Renkes Bros.

Leaf River, Ill.—I have resigned as agt. of the Neola Elvtr. Co. to accept a position as mgr. of an elvtr. at Jefferson, Ia. Burton Coe, agt., for the company at Harmon for the past 2 years, is my successor.—Charles W. Forbes.

Stonington, Ill.—We have sold to competitors thus reducing the station to 2 elvtrs., where it should remain as there is not enuf business for 3. We expect to devote our time to farm interests.—J. M. Corzine, Corzine Grain Co.

Mt. Pulaski, Ill.—The small son of Jacob Danner climbed into a manlift that was weighted for a man and released the brake. He was thrown to the top of the elvtr. and dropped into a bin, cutting his head and breaking his collar bone.

Sugar Grove, Ill.—I. L. Van Schoiack, mgr. of the Garton Cooper Seed Co., has purchased the feed mill of J. Trott and is making extensive improvements, including a new 20-h.p. engine and a new crusher. M. Shoemaker is mgr. of the feed mill.

Luther sta. (Mason City p. o.), Ill.—The recently incorporated Luther Co-operative Elvtr. Co. is building a 25,000-bu. elvtr. The Decatur Construction Co. has the contract. Equipment includes a complete line of Constant cleaning and transmission machinery.

Walton, Ill.—We will build our new elvtr. as soon as we get the side track built. We loaded out about 10,000 bus. of corn before June 10 with a portable elvtr. and expect to continue loading that way until we get our house completed.—C. F. Welty, pres. Walton Equity Exchange.

Champaign, Ill.—The following have applied for membership in the Illinois Grain Dealers Ass'n: Armour Grain Co., Chicago, The Keusch & Schwartz Co., New York, Bridge & Leonard, Chicago, J. A. Edwards & Co., Chicago, and C. W. Langdon, Roseville.—E. B. Hitchcock, sec'y.

Champaign, Ill.—Sec'y E. B. Hitchcock of the Illinois Grain Dealers Ass'n is making trips among the trade with a view to getting acquainted with the members of his ass'n and with grain dealers generally. When possible he is arranging local meetings which are fruitful of much benefit to the members attending.

Strawn, Ill.—I have taken the management of the Strawn Farmers Elvtr. Co., operating an elvtr. on the Wabash R. R. here and on the Ill. Cent. R. R. at Risk, succeeding John Gimbel, who has managed these houses for 7 years. He has been appointed postmaster here and will go to the exposition.—E. Keller.

Harvard, Ill.—We are building a 125,000-bu. elvtr. which will be finished about July 25. The machinery is being installed by the Weller Mfg. Co. We will operate it ourselves or lease it for a term of years. A retail feed store to handle all kinds of feed and field seeds will be established in connection.—D. Hereley & Sons.

Maroa, Ill.—C. E. Fletcher, of Royal, has purchased a site between this station and Emery on which he will build a 12,000-bu. elvtr. He will operate his house and ship grain by interurban.

East St. Louis, Ill.—The Security Elvtr. Co. has been incorporated with a capital stock of \$5,000 to take over the Security Elvtr. here and the Mound City Elvtr. at St. Louis, Mo. Fred W. Young is pres., George C. Martin, Jr., vice-pres., and A. J. Rogers, sec'y and treas. The old Security Warehouse & Elvtr. Co. will close up its business.

Litchfield, Ill.—The settlement offered by the Litchfield Mill & Elvtr. Co. was approved June 14 by the U. S. District Court and the property will pass into the control of the corporation. It is our understanding that arrangements will be made to operate all stations. The company will succeed C. B. Munday & Co. at Butler, Dorsey, Moro, Bethalto, Edgewood, Keyesport, Zanesville sta. (Barnett p. o.), Wagoner, Thomasville and here.—David Davis, trustee.

Sullivan, Ill.—The elvtr. of A. P. Powers containing 8,000 bus. of oats and 500 bus. of corn, burned June 6. The elvtr. was built 28 years ago and had been operated since by Mr. Powers. The loss on the building and contents is between \$13,000 and \$14,000 with no insurance. The fire is believed to have been of incendiary origin as the broom corn warehouse of Charles Buston about a mile away, containing 6 carloads of broom corn, was discovered to be a mass of flames at the same time. The loss on the broom corn and plant was \$6,000, with \$500 insurance on the building. Mr. Powers states that he is undecided regarding rebuilding.

CHICAGO NOTES.

CHICAGO CALLER: J. A. McCreery, Mason City, Ill.

J. S. Beem is now representing Logan & Bryan in Missouri.

The Bartlett, Frazier Co. has extended its corporate existence 10 years.

J. G. R. Graham has been admitted to partnership in the firm of MacKenzie & Day.

Frank M. Anderson, in the wheat dept. of the J. Rosenbaum Grain Co. for the past 15 years, has resigned.

Edward P. Rice, formerly a member of the Board of Trade, died recently at St. Louis, Mo., aged 83 years.

John G. Lonsdale, member of Logan & Bryan, has been elected pres. of the National Bank of Commerce at St. Louis, Mo.

N. H. Warren, a member of N. H. Warren & Co., which discontinued business in 1894, died recently. He was 88 years of age.

The weighing department of the Board of Trade has been removed into larger quarters on the opposite side of the same floor.

John H. Bolland, for 20 years connected with Bartlett, Frazier Co., died June 19. He was 56 years of age and is survived by a widow.

The annual golf game between the representatives of the shippers and the vessel men of the Board of Trade was played at Belmont, June 24.

Regular elevators declared are the same as last year, except that Armour B Annex is omitted, making the total regular storage 14,230,000 bus. for the year ending July 1, 1916.

Frank C. Remmick, of Helmholtz & Remmick, which dissolved several years ago, died June 11 in Maine at the age of 74. A. C. Helmholtz, his partner, preceded him last year.

The annual ball game of the Board of Trade between the team representing the University Club and the Board of Trade was held June 17. The proceeds will go to make improvements on the Boy Scout Camp at White Lake, Mich.

Paying over profits to a customer on open trades is a violation of rules. The directors of the Board of Trade have called the attention of members to the resolution to this effect adopted last year. Customers desiring to draw down profits can do so by paying an extra commission to have their trades reinstated.

The Interstate Commerce Commission has ruled against the Chicago Board of Trade and Albert Miller & Co. in their complaint against the Wabash Railroad tariff discontinuing the absorption of switching charges on hay at Chicago. The tariff which was suspended by the commission may now be made effective.

Chas. Sincere & Co., brokers, have won the suit brot against them by a customer, A. P. Miller, of Toulon, Ill., to recover \$10,000 lost in transactions on the Board of Trade, Judge John Gibbons in the circuit court June 19 holding that under the new law of 1913 the broker, not having been the winner of the money lost, cannot be sued. The plaintiff will take the case to the Supreme Court.

Physical examination and reporting on the condition of grain laden cars from the time they arrive at the outlying Chicago yards, it is hoped and expected will be inaugurated July 1. The service will begin on three of the leading roads at first and extended later to the other lines. The Board of Trade is establishing this service to comply with the expressed demand of country elevator operators, those organizations which have considered the matter being practically unanimous in favor.

John P. Lynn, E. G. McDougall, Benjamin Butters Bryan, Jr., R. W. Darcy, Harry H. Norcross, John Henry Lloyd and Alfred A. Meyer have applied for membership in the Board of Trade. Silvan Newburger, of New Orleans, La., Harry D. Hughes, of Philadelphia, Pa., J. P. Sledge, of Champaign, Charles D. Olsen, H. B. Woolston, Harry A. Zweig, H. C. Gifford and G. C. McFadden have been admitted to membership and the memberships of the estate of John Cudahy, estate of O. E. Brown, Charles T. Morris, Hal Tyler, Chas. O. Matheny, Jed W. Pearson, James W. Gordon and Harry D. Atwood have been posted for transfer.

SPRINGFIELD LETTER.

The Gorman bill, prohibiting grain sweeping in railroad freight cars, was killed by the house.

The following bills have recently been enacted into law: Bill appropriating \$1,000,000 a year for the next two years from the road fund for the building and maintenance of state aid roads. Bill appropriating \$500,000 for the use of the state highway com's'n in building state aid roads.

C. O. Matheny & Co. will retire from business June 30 owing to the continued illness of the senior partner. John H. Lloyd, who has been the active partner for the past several years, will continue business in the Ferguson Bldg. under the name of John H. Lloyd & Co. The new company will continue as correspondents for Bartlett, Frazier Co., of Chicago.—Charles O. Matheny and John H. Lloyd.

H. B. 22 providing that all grain elvtrs. in cities, villages and towns under 10,000 people should be allowed to store grain free or for a compensation was defeated. This bill would have taken such elvtrs. from under the State Public Utilities Commission of Illinois. The defeat was largely due to the efforts of Hon. A. L. Stanfield, Paris, and Hon. R. R. Meents, Ashkum, who are both members of the Illinois Grain Dealers Ass'n, being regular grain dealers.

The following house bills were passed by the senate and now go to the governor: Appropriating \$1,000,000 per annum from the automobile fund for good roads. Permitting county boards to receive contributions for good roads purposes. Authorizing use of convicts in good road building. Appropriating \$250,000 for the first two years of interest on the bonds to be issued for deep waterway construction. Creating a state board to regulate public accountants. The 50-car bill has been killed.

The meeting of the mgrs. of the farmers elvtr. companies in Adams, Schuyler, Brown, Cass, Mason, Morgan, Menard, Pike, Logan, Scott and Sangamon counties was held in this city June 11.

INDIANA

Alexandria, Ind.—Chas. F. Naber & Co. will install a Boss Car loader.

Trafalgar, Ind.—I am now mgr. of the Trafalgar Grain Co.—B. T. Parkhurst.

Indianapolis, Ind.—Lew Hill, formerly with Jordan & Scholl, is now with the Mutual Grain Co.

Evansville, Ind.—The construction of the 9 concrete storage tanks of Igleheart Bros. is well under way.

La Grange, Ind.—A farmers elvtr. company is being formed here which will probably organize soon.—C. H. Omstead.

Fairmount, Ind.—A. A. Urey is installing a U. S. Cleaner, a Constant Manlift and a Hall Signaling Distributor.

Converse, Ind.—I have purchased the Converse Mills & Elvtr., formerly owned by Knox & Potter.—H. G. Boyd.

Crawfordsville, Ind.—The corner stone of the 3-story addition to the elvtr. of Crabbs, Reynolds, Taylor Co. has been laid.

Newberry, Ind.—I have traded my elvtr. to S. M. Ratcliff, of Indianapolis. The house is now in operation.—M. E. Hindman.

Gas City, Ind.—Gas City Elvtr. Co., incorporated; capital stock, \$10,000; incorporators, V. R. Spurgeon, O. Gordon and W. J. Lowe.

Keystone, Ind.—The Farmers Co-operative Grain Co. organized June 15 and expects to buy my elvtr.—F. E. Haller, Haller Grain Co.

New Harmony, Ind.—W. H. Black, of Decatur, Ill., has acquired the elvtr. of the J. A. Cartwright Co., which will either sell or rent.

Monroeville, Ind.—We are thoroly remodeling our elvtr. here. Neizer & Co. are building a new engine room and remodeling their elvtr.—De Bolt & Niswonger.

Crete, Ind.—Clarence Haladay and Harry F. Bowen have become partners with George T. Bowen in his elvtr. The new firm will operate as Geo. T. Bowen & Co.—H. F. Bowen.

Indianapolis, Ind.—The marriage of Miss Lulu Urmston, daughter of Leroy Urmston, of the Urmston-Harting Grain Co., to Charles D. Menzie, of Huntington, has been announced for June 30.

Craigville, Ind.—The new 15,000-bu. elvtr. of the Burke Elvtr. Co., replacing the house burned Feb. 7, is being equipped with the latest machinery and will be finished about July 10.

Goodland, Ind.—We are taking out our hopper scale and installing a Fairbanks-Morse Automatic Scale, also exchanging a steam outfit for an electric motor in our elvtr.—H. Murray & Co.

Emporia sta. (no p. o.), Ind.—W. H. Aiman, of Pendleton, is building an elvtr. L. J. McMillan has the contract. The equipment includes a Constant Sheller, Cleaner, Manlift and Distributor.

Walnut Corner sta. (Portland p. o.), Ind.—Ray Stafford, of the Stafford Grain Co., Cincinnati, O., will build a 15,000-bu. elvtr. on the C. B. & C. R. R. which will be completed to handle the new crop.

Tipton, Ind.—E. W. Phares, 72, grain dealer and miller, died June 8. He was stricken with paralysis while at his summer home at St. Lucie, Fla., and brot home where it was hoped he would recover.

Indianapolis, Ind.—George H. Evans was elected pres., Dr. James H. Taylor, vice-pres. and Tom Oddy, sec'y and treas. of the Bert A. Boyd Grain Co., treas. at the recent annual election of the Board of Trade.

Mollies sta. (Montpelier p. o.), Ind.—J. W. Adams will build an elvtr. here.—X.

Fortville, Ind.—The 3-story elvtr. and mill of W. D. Springer burned June 18 with a loss of from \$15,000 to \$20,000. The fire started when an employe set a pail of paint on the stove to heat. The oil in the paint caused an explosion and the burning liquid was scattered over the woodwork of the building.

IOWA

Glendon, Ia.—George Barker is building an elvtr.

Merrill, Ia.—The Plymouth Mfg. Co. has built an addition to its elvtr.

Hubbard, Ia.—C. A. Pfund has disposed of his business at this station.

Luray, Ia.—Wilkins Bros. have bot the grain business of J. H. Stewart.

Graettinger, Ia.—The elvtr. of the Farmers Elvtr. Co. has been completed.

Morrison, Ia.—P. R. Frazier & Co. have placed lightning rods on their elvtr.

Estherville, Ia.—Grieg & Zeeman have painted their elvtr. on the C. R. I. & P.

Dallas Center, Ia.—I have installed an electric motor in my elvtr.—R. Whitaker.

Washington, Ia.—John Cullen is hauling the material for the elvtr. he is building.

Holstein, Ia.—We will not build our new office until next year.—Farmers Elvtr. Co.

Audubon, Ia.—A. J. Leake is tearing down his old coal sheds and will build new ones.

Jewell, Ia.—The Farmers Elvtr. Co. expended \$5,000 in improvements on the elvtr. last year.

Hepburn, Ia.—G. W. Carter has added a comptometer to the equipment of his grain office.

Royal, Ia.—E. P. Meyer has resigned as mgr. of the Farmers Grain Co., effective July 1.

Edna, Ia.—The Quaker Oats Co. bot the elvtr. of the Western Elvtr. Co., possession to be given July 1.

Thor, Ia.—An addition will be built to the elvtr. and a new corn crib erected by the Farmers Elvtr. Co.

Hartwick, Ia.—We will sell our elvtr. and discontinue the grain business.—Jas. McCarty Elvtr. Co.

Jewell, Ia.—We have sold our elvtr. to Wm. Dopp, of Lamont.—C. O. Pfund, sec'y Pfund Lumber Co.

Adelphia, Ia.—We are remodeling our elvtr. and installing new machinery.—Agt. Taylor & Patton Co.

Manson, Ia.—Max Higgins has been retained as mgr. of the Farmers Elvtr. Co. for the coming year.

Paton, Ia.—The Clark Brown Grain Co. has built a new brick office in which a scale will be installed.

Lone Rock, Ia.—The Lone Rock Exchange Co. will install a Hall Signaling Distributor in its elvtr.

New Market, Ia.—I have bot a new grain office and expect to build an elvtr. in the near future.—F. J. Rogers.

Schaller, Ia.—Will Drury has purchased the elvtr. of the Western Elvtr. Co. and will take possession Aug. 1.

Humboldt, Ia.—We have increased the capacity of our elvtr.—Edw. J. Funk, mgr. Farmers Co-operative Ass'n.

Pocahontas, Ia.—Chas. Pattee has been retained as mgr. of the Farmers Grain & Coal Co. for the coming year.

Rockwell City, Ia.—C. W. Kellogg has been retained as mgr. of the Rockwell City Elvtr. Co. for the coming year.

Peru, Ia.—J. S. Hylton has commenced wrecking the old implement house and will build an extension to his elvtr.

Eleanor sta. (Parkersburg p. o.), Ia.—J. H. Meyer and Ben Bruns have bot the elvtr. of the Eleanor Grain Co.

Spencer, Ia.—Wm. Castendyck is pres. and Bert Paddock, sec'y, of the recently incorporated Farmers Elvtr. Co.

Anthon, Ia.—The Quaker Oats Co. has purchased the elvtr. of the Western Elvtr. Co. and will take possession July 1.

Carnes, Ia.—We have improved our elvtr. at this station.—G. Gleysteem, mgr. Farmers Mutual Co-operative Co., Alton.

Orange City, Ia.—I succeeded Herman Tott May 1 as mgr. of the Farmers Mutual Co-operative Ass'n.—J. Steenhoven.

Piper sta. (Rockwell City p. o.), Ia.—The Piper Elvtr. Co. has retained Frank Masterson as mgr. for another year.

Lake Mills, Ia.—Work has been started on the 20,000-bu. elvtr. of the Farmers Elvtr. Co., of which J. J. Lande is pres.

Highview sta. (Webster City p. o.), Ia.—Clifford J. Hallett, formerly with the Farmers Elvtr. Co. at Britt, is now mgr. here.

Badger, Ia.—The Quaker Oats Co. has bot the elvtr. of the Monarch Elvtr. Co. Otto Gangstead will continue in charge.

Denison, Ia.—The old Luney Mill is being wrecked and S. McHenry, prop., is planning to build a small elvtr. on his farm.

Alta, Ia.—The elvtr. of the Western Elvtr. Co. has been sold to the Quaker Oats Co., which will take possession July 1.

Leon, Ia.—Work on the new elvtr. which W. L. Lingle and J. F. Noll, of Bethany, Mo., and others, are building, is progressing.

Henderson, Ia.—W. H. Harbor has installed a Midget Marvel Mill and built a new tile and brick basement with metal roof.

Pierson, Ia.—Work is progressing on the cribbed addition to the elvtr. of the Farmers Elvtr. Co.—Farmers Elvtr. Co., Holstein.

Malcom, Ia.—The W. G. Bair Lumber Co. has been expelled from the Western Grain Dealers Ass'n for refusal to arbitrate.

Meriden, Ia.—The Quaker Oats Co. will take possession July 1 of the elvtr. of the Western Elvtr. Co., which it purchased recently.

Manning, Ia.—The Jacob Ohde Grain Co. will equip its elvtr. with a Hall Signaling Distributor. Work on the house is progressing.

Fostoria, Ia.—Repairs on the elvtr. of the Hunting Elvtr. Co. have been completed and the house is now being painted.—M. Olson, agt.

Conway, Ia.—The Conway Grain Co. has leased a site and will erect a large elvtr. and storage buildings. Work will be commenced at once.

Rinard, Ia.—The Farmers Elvtr. Co. has leased the elvtr. of the Rinard Grain Co., also a farmers organization, which is in the hands of a receiver.

Gladstone, Ia.—Marion C. Rucker took possession Mar. 1 of the elvtr. which he recently acquired from me and I am now at Tama.—J. V. Simek.

Oyens, Ia.—W. A. Galbraith has resigned as mgr. of the Farmers Elvtr. Co. and July 1 will become mgr. of the Farmers Grain Co. at Sac City.

Sheffield, Ia.—Wm. E. Storek, formerly ass't mgr., is now mgr. of the Farmers Elvtr. Co., succeeding F. H. Chichester, who resigned recently.

Green Mountain, Ia.—We have just completed a new 58x90 ft. lumber shed with a single alley in the center.—W. J. Lynch, mgr. Farmers Elvtr. Co.

Schaller, Ia.—The Schaller Produce Co. will move its scales outside the elvtr. The dump floor has been raised 18 inches and city water put in the plant.

Bussey, Ia.—Our new 6,000-bu. elvtr. was finished June 23 and ready for trial. It is located on the C. B. & Q.—H. W. Kester, prop. Bussey Elvtr.

Nemaha, Ia.—We will build a new engine room and flour house, and install a new engine and wagon scale. No other farmers' elvtr. company is being organized here as has been reported. We handled 341,000 bus. of grain last year.—P. F. Brown, mgr. Farmers Elvtr. Co.

Hansell, Ia.—We have completed a new engine room, put in a new 10-h.p. engine and repaired our feed house.—C. R. Boots, mgr. Farmers Co-operative Society.

Washta, Ia.—J. K. McGonagle will remodel his elvtr., installing a new manlift, leg and other improvements. The Younglove Construction Co. is doing the work.

Charles City, Ia.—Burglars entered the office of the Farmers Elvtr. Co. recently thru the grain pit and warehouse, but left after trying to break open an unlocked safe.

Charter Oak, Ia.—Fire June 12 destroyed the corn crib, coal shed, ice house and hay shed of the Farmers Grain Co., on which the insurance had run out the previous month.

Redding, Ia.—The Mount Ayr Elvtr. Co. will have a seed room, coal bin and large office in connection with the new elvtr. it is building, which will be completed before harvest.

Blairtown, Ia.—The Blairtown Grain Co. is wrecking its old elvtr. as the new one now being built is almost completed. R. R. Stafford will be mgr. during the coming year.

Hartley, Ia.—H. C. Moeller has succeeded me as agt. of the Hunting Elvtr. Co. here, having been transferred from Fostoria.—S. O. Jackson, agt. Hunting Elvtr. Co., Akron.

Radium sta. (Des Moines p. o.), Ia.—No elvtr. has ever been located here. The farmers were reported to be contemplating the erection of a house, but nothing has been done.—X.

Colwell sta. (Charles City p. o.), Ia.—The recently formed Colwell Grain Exchange has let contract for a 20,000-bu. elvtr. on the interurban to the Younglove Construction Co.

Garner, Ia.—C. G. Bracker and myself have bot the 2 elvtrs. of the Western Elvtr. Co. on the Mil. R. R. and will operate under the name of the Garner Grain Co.—F. S. Livermore.

Mitchellville, Ia.—The interior of the old elvtr. of Barrett Bros. on the C. R. I. & P. is undergoing improvements and new machinery will be installed. Corn and oats only will be handled.

Alton, Ia.—I am not mgr. of the Farmers Mutual Co-operative Co. as has been reported. No improvements have been made in the elvtr.—J. Steenhoven, mgr. Farmers Mutual Co-operative Ass'n, Orange City.

Ottumwa, Ia.—The Spry-Slut Grain Co. is the name under which G. F. Spry and B. F. Slutz will operate the business formerly conducted by W. E. Jones & Co., W. E. Jones and Lewis Goehring having retired.

Cherokee, Ia.—Contract for a 40,000-bu. iron clad elvtr. has been let by Weart & Lysaught Co. to D. F. Hoag & Co. The old house of the company is being wrecked and excavation for the new elvtr. has been started.

Linn Grove, Ia.—We have built a 14x32 ft. shed with cement floor and sidewalk and have raised our old sheds, also putting in cement floor and sidewalk with an expenditure of \$525.—E. F. Gallimore, mgr. Farmers Elvtr. Co.

Lorah, Ia.—The Lorah Elvtr. recently acquired by A. L. Burnham, of Griswold, from C. M. McCaustland, and managed by Chas. B. Sykes, of Brayton, is being improved by a coat of paint, a new 8-h.p. engine and new approaches.

West Bend, Ia.—West Bend Elvtr. Co. incorporated; capital stock, \$25,000; incorporators, Henry Dunn, pres., W. L. Balgeman, vice-pres., Geo. Jacober, sec'y, and John P. Merch, treas. The company recently bot the elvtr. of W. E. Reed.

Avoca, Ia.—Our fire loss June 4 was about \$3,500 and was almost entirely in the boiler room. Arrangements have been made to install a motor and run the plant by electric power until we can rebuild the boiler room.—E. F. Consigny, Centennial Mlg. Co.

Clarksville, Ia.—The Voss & Christensen Elvtr. was broken into recently and an unsuccessful attempt made to blow open the safe but nothing was taken.

Sac City, Ia.—Contract has been awarded by the Independent Farmers Elvtr. Co. to Temple-Williams Co. for a 40,000-bu. elvtr. to cost \$8,650. Work has been started and the house will be finished before fall. It will be 30x41 ft. and will have two 50 ft. bins. P. T. Bowden will be mgr.

Stanhope, Ia.—We are putting up a new house which will hold 18,000 bus. of shelled corn, also repairing the oat annex, installing all improved machinery. The elvtr. will be equipped with weighing out scales. The addition will give us a total capacity of 48,000 bus.—F. F. Truesdell, agt. Quaker Oats Co.

Akron, Ia.—I have been transferred from the elvtr. of the Hunting Elvtr. Co. at Hartley to the company's elvtr. here, succeeding Boyson Ross, who resigned recently. Our new 35,000-bu. iron clad elvtr. is just completed. Equipment includes a 10-h.p. electric motor, clipper cleaner and a 1,500-bu. Richardson Automatic Scale.—S. O. Jackson.

KANSAS

Wheeler, Kan.—Charles Amack is mgr. of the Farmers Elvtr. Co.

Shady Brook, Kan.—The Woodbine Grain Co. will build another elvtr.

Spivey, Kan.—The Bolin-Hall Grain Co. has completed its new elvtr.

Wright, Kan.—Chas. Woodworth is now mgr. of the Farmers Elvtr. Co.

Bunker Hill, Kan.—F. D. Sperry has finished the remodeling of his elvtr.

McPherson, Kan.—The Farmers Elvtr. Co. will install a Boss Car Loader.

Adams, Kan.—An addition is being built to the elvtr. of the Farmers Elvtr. Co.

Cherryvale, Kan.—The N. Sauer Mlg. Co. has installed a track scale in its elvtr.

Onaga, Kan.—I have sold my grain business to J. W. Andrews.—S. P. Taylor.

Baxter Springs, Kan.—The Baxter Mill & Elvtr. Co. has installed new conveyors.

Satanta, Kan.—W. P. Kliesen is preparing to open his recently completed elvtr.

Oketo, Kan.—The remodeling of the Oketo Mill & Elvtr. Co. has been delayed.

Otis, Kan.—The Farmers Union is figuring on building an elvtr. in the near future.

Bird City, Kan.—The Equity Union has bot the elvtr. of the Central Granaries Co.

Oswego, Kan.—The Pearl Roller Mills have installed a track scale in their elvtr.

Salina, Kan.—The Salina Board of Trade has been organized and a charter applied for.

Atwood, Kan.—S. C. Houghton will install a Hall Signaling Distributor in his elvtr.

Corning, Kan.—Miller & Hilbert will install two 10-h.p. electric motors in their elvtr.

Palestine sta. (Belle Plaine p. o.), Kan.—I am out of the grain business.—T. R. Horner.

Green, Kan.—The Co-operative Ass'n has been incorporated with a capital stock of \$10,000.

Mayette, Kan.—A 30x60x12 ft. concrete addition is being built to the elvtr. of R. I. Miller.

Wright, Kan.—The elvtr. of the Farmers Co-operative Ass'n has been opened for business.

Bucklin, Kan.—A second elvtr. will be erected by the Bucklin Co-operative Elvtr. & Supply Co.

Towanda, Kan.—The capacity of the elvtr. of G. E. Garrison has been increased to 10,000 bus.

Sawyer, Kan.—I am now mgr. of the Sawyer Equity Exchange.—B. N. Dinkins, formerly at Croft.

Marysville, Kan.—The elvtr. of J. M. Kavanaugh has been purchased by the Farmers Elvtr. Co.

Hutchinson, Kan.—The 550,000-bu. concrete elvtr. of the Larabee Flour Mills Co. is nearly completed.

Anthony, Kan.—The Gabbert Grain Co. will install a Boss Car Loader in its recently acquired elvtr.

Blaine, Kan.—Contract for a 15,000-bu. elvtr. has been let by Harrington & Cummings to A. F. Roberts.

Lewis, Kan.—J. Radcliffe will be mgr. of the Farmers Co-operative Grain & L. S. Co. for the coming year.

Beattie, Kan.—The Farmers Union Co-operative Ass'n has been incorporated with a capital stock of \$10,000.

Elkhart, Kan.—The Farmers Grain & Feed Co. is equipping its elvtr. with a Hall Signaling Distributor.

Hutchinson, Kan.—The L. H. Pettit Grain Co. has removed its office to the First National Bank Bldg.

Hutchinson, Kan.—The Farmers Equity Union has applied for membership in the Hutchinson Board of Trade.

Wilroads, Kan.—I have purchased the elvtr. of W. T. Shute.—J. B. McClure, J. B. McClure Grain Co., Fowler.

Missler, Kan.—E. A. Twist, of Meade, has awarded the contract for the erection of an elvtr. to be built at once.

Joy sta. (Greensburg p. o.), Kan.—Howard Sharp will be agt. of the new 25,000-bu. elvtr. of the Liberal Elvtr. Co.

Kingsdown, Kan.—The Farmers Equity Union has been formed with J. B. Smith as pres. and A. C. Berger sec'y-treas.

Solomon, Kan.—The elvtr. of the Shellabarger Mill & Elvtr. Co. will be moved from the C. R. I. & P. to the Santa Fe tracks.

Coffeyville, Kan.—A 2,000-bu. hopper scale will be installed in the new 350,000-bu. elvtr. of the Rea-Patterson Mlg. Co.

Kiowa, Kan.—George Harbaugh, of Alva, Okla., will build an elvtr. on the Santa Fe on the site which we purchased recently.

Ada, Kan.—We have painted our elvtr. and installed a new grain distributor.—Percy Reed, agt. Kansas Flour Mills Co.

Zurich, Kan.—The Shellabarger Mill & Elvtr. Co. is lowering its driveway and making needed repairs.—M. S. Graham.

Norton, Kan.—The Farmers Co-operative Co. has let contract for an elvtr. which will have a capacity of about 40,000 bus.

Pierceville, Kan.—Work is well under way on the new 10,000-bu. elvtr. which the Warner-Walker Mercantile Co. is building.

Liberal, Kan.—Work has been started on the 20,000-bu. elvtr. of C. M. Light and the house will be ready to receive grain July 15.

Ford, Kan.—I purchased the elvtr. of W. T. Shute and took possession June 5.—J. B. McClure, J. B. McClure Grain Co., Fowler.

Newton, Kan.—The Empire Mlg. Co. is installing a 2,000-bu. hopper scale in its new 65,000-bu. elvtr. now under construction.

Brown Spur, Kan.—Work is progressing on the elvtr. of the Farmers Elvtr. & Mercantile Co., for which it recently let contract.

Wellington, Kan.—The Aetna Mlg. & Elvtr. Co. is installing a 2,000-bu. hopper scale in the new annex recently built to its elvtr.

Kingsdown, Kan.—We are making some improvements and installing new machinery in our elvtr.—F. A. Maxey, agt. Liberal Elvtr. Co.

Wetmore, Kan.—J. Heinen, who was succeeded in the grain business June 5 by the Farmers Union, will engage in the business again.

Rolla, Kan.—A farmers elvtr. and warehouse company is being formed, with I. M. Tillet as chairman and Harvey Greening, sec'y.

Rossville, Kan.—The recently formed Co-operative Elvtr. Co. is negotiating with F. A. Andrews for the old Sherman Elvtr.—J. C. Bradley.

Sylvan Grove, Kan.—The Farmers Co-operative Elvtr. Co. has been changed to a co-operative ass'n and the capital stock increased to \$25,000.

Lillis, Kan.—No elvtr. will be erected here. The farmers talked of building one but only \$2,300 could be raised and the matter was dropped.

Belmont, Kan.—I am mgr. of the Farmers Grain & Mercantile Co. which has just started in business, operating a 10,000-bu. elvtr.—H. W. Plush.

Croft, Kan.—B. N. Dinkins, who has been leasing the elvtr. of W. E. Clark estate, is now mgr. of the Sawyer Equity Exchange at Sawyer.

Glasco, Kan.—We doubled the capacity of our elvtr., installed a manlift, new spouting and elvtr. stands.—R. P. Morrison, agt. Morrison Grain Co.

La Crosse, Kan.—Contract has been let for a 12,000-bu. elvtr. for the Farmers Union. Scales have been purchased and work on the elvtr. begun.

Whiteside sta. (Hutchinson p. o.), Kan.—The elvtr. of the William Kelly Mfg. Co. has been purchased by the Whiteside Co-operative Equity Exchange.

Centralia, Kan.—The Farmers Union Elvtr. Co. has organized and placed E. A. McBee in charge of the elvtr. which it rented from Fisher & Son.

Star Valley sta. (West Mineral p. o.), Kan.—Our 10,000-bu. elvtr. at this station has just been completed.—C. P. Kelso, Kelso Grain Co., Cherokee.

Pretty Prairie, Kan.—An addition is being built to the elvtr. of Collingwood & Krehbiel which will increase the capacity from 22,000 bus. to 36,000 bus.

Arma, Kan.—We are operating the old Boaz & Donaldson Elvtr., doing a grain business and jobbing flour, feed, etc.—C. P. Kelso, Kelso Grain Co., Cherokee.

Enterprise, Kan.—The addition to the elvtr. of the Hoffman Mills Co. consists of a 16,000-bu. tempering plant, a 15x30 double deck sack house and another office.

Abbyville, Kan.—The recently formed Abbyville Equity Exchange has purchased the elvtr. of the Larabee Mfg. Co.—Lawrence Deck, mgr. Citizens Grain Co.

Bedford, Kan.—The Stafford Grain & Supply Co., which operates an elvtr. at Stafford, has bot the elvtr. of the Millers Grain Co. on the Mo. Pac. for \$3,500.

Salina, Kan.—R. H. Allerton, 65 years of age, for several years grain inspector here, died recently. He had lived here 40 years and was well known thruout western Kansas.

Bunker Hill, Kan.—The C. E. Robinson Grain Co., of Salina, which has been operating the elvtr. here under lease, has purchased the house and I am agt.—B. F. Butler.

Wilmore, Kan.—D. Fisher is pres., H. T. Fyle sec'y-treas. and E. Heflin mgr. of the Farmers Co-operative Elvtr. Co. which has incorporated with a capital stock of \$10,000.

Syracuse, Kan.—E. P. Lowe will take charge of the elvtr. of the John H. Lynds Mill & Elvtr. Co. July 1, having severed his connection with the Highland Elvtr. Co. at Highland.

Coffeyville, Kan.—The E. L. Rickel Grain & Feed Co. has opened offices here and will handle grain and feed in car lots. G. E. Putnam has succeeded E. L. Rickel as mgr. of the Strong Grain Co.

Hutchinson, Kan.—Concrete work is now being done on the seventh floor of the new 150,000-bu. annex to the elvtr. of the Wm. Kelly Mfg. Co. and the building is expected to be finished by Aug. 1.

Hutchinson, Kan.—I will open an office in the Board of Trade Bldg. July 1 and have been admitted to membership. E. B. Cool will be mgr. of my country elvtrs.—J. B. McClure Grain Co., formerly at Fowler.

Randall, Kan.—When our elvtr. was struck by lightning recently, with no resultant fire, the only damage done was the tearing off of a strip of shingling.—C. W. Bradshaw, mgr. Jewell County Co-operative Ass'n.

Ford, Kan.—The Ford Co-operative Equity Exchange has bot the elvtr. of the Kansas Flour Mills Co. and has hired E. C. Beauchamp, who has managed the elvtr. for the past 7 years, as mgr.—H. L. Hartshour, sec'y.

Atchison, Kan.—Grain dealers in this immediate section of the state belonging to the Kansas Grain Dealers Ass'n held a banquet at the Byram Hotel June 11 and discussed matters of interest. About 50 grain dealers were present.

Meade, Kan.—The equipment for the new 25,000-bu. studded iron clad elvtr. of the L. H. Pettit Grain Co. consists of 1 stand of elvtrs. and a 1,000-bu. Richardson Automatic Scale. The office is 12x14 ft. and the foundation is of concrete.

Wells, Kan.—The recently incorporated Wells Co-operative Elvtr. Co. is building a 15,000-bu. studded iron clad elvtr. and will handle grain, feed and coal. The R. M. Van Ness Construction Co. has the contract.—C. F. Kuhlmann, mgr.

Dodge City, Kan.—The Davidson Grain Co. is building a 20,000-bu. Hy-rib concrete elvtr. J. L. Tipton is furnishing complete machinery equipment including electric motors. The headquarters of the company have been moved from Macksville to this city.

Hutchinson, Kan.—The Board of Trade has elected J. R. Baker pres., I. B. Young vice-pres., H. M. Talcott sec'y and Eugene Hipple treas. The board has sent out announcements stating that it will entertain June 25 and 26 and inviting the grain dealers to be present.

Holyrood, Kan.—We will build a large coal shed and warehouse for handling seeds, flour bran, etc., and will also install a new oil engine in our elvtr. Sherman Andrea, who has been mgr. for the past 6 years, has been retained.—Holyrood Grain & Supply Co.

Atchison, Kan.—The work of building the 2 mammoth elvtrs. was greatly handicapped because the Kaw River floods delayed the shipping of sand and other materials. Concrete work on the Blair Elvtr. Co. cannot be started until the elvtr. of the Lukens Mfg. Co. is practically completed.

Moline, Kan.—Clayton M. Gibson, who had been employed in the mill and elvtr. for several years, lost his life recently when he was caught by a shaft while putting on a belt at the mill here. His head, arms and legs were torn from his body. He is survived by a widow and 3 small children.

Topeka, Kan.—Railway companies may install scales at the smaller towns along their lines if they feel that they will derive any benefit from them, but they need not do it and cannot be compelled to install scales for the accommodation of the community, according to a decision by Judge George H. Whitcomb. The public utilities com'n ordered the A. T. & S. F. Ry. Co. to build scales at Welda, on the Southern Kansas division, and at Lang, in Lyon County. A suit of the same nature was filed by the Missouri Pacific Ry. Co. against the utilities com'n's.

Solomon, Kan.—Shippers in the Solomon Valley, who market their wheat here, will realize a further profit of \$12 a car of 70,000 lbs. as a result of a decision by Judge George H. Whitcomb, who upheld the public utilities com'n's order that the Santa Fe and the Union Pacific should build a connecting switch track for the benefit of the grain shippers. Heretofore, when grain was to be shipped to Wichita, the Union Pacific carried the cars to Abilene, where they were switched to the Santa Fe's tracks, at a cost of \$14 a car, and then taken to Wichita. With the switch connecting the 2 roads at Solomon the cost of track switching will be reduced to \$2 a car.

WICHITA LETTER.

S. H. Ransom has purchased the membership of B. Strong in the Board of Trade.

We will hereafter operate as the Beall Grain Co.—T. R. Beall, E. G. Beall & Son.

D. S. Warwick, of the Millers Grain Co., was married recently to Miss Florence Johnson at Hutchinson.

The commission on sales of corn on the floor of the Board of Trade has been raised from ½c to ¾c per bu.

W. H. Smith, of Piedmont, has purchased the interest of W. J. Stevens in the Stevens-Scott Grain Co., and has moved to this city where he is actively interested in the business.

C. F. Adams, formerly in the grain business at Kansas City, Mo., and for the past year associated with the B. Strong Grain & Coal Co. at Conway Springs, is my partner in the Smith Elvtr. Co.—R. W. Smith.

T. R. Beall, of the Beall Grain Co., has purchased the membership of Albert Steckel, and made application for transfer. Mr. Steckel will continue his grain interests.—Jas. H. Sherman, sec'y Board of Trade.

The following officers were elected at the annual election of the Board of Trade June 8: Lon H. Powell, pres.; W. L. Scott, vice-pres.; H. Kaufman, J. W. Craig, George Koch, E. F. Beyer, C. M. Jackman, C. A. Baldwin and S. P. Wallingford, directors.—Jas. H. Sherman, sec'y.

KENTUCKY

Paducah, Ky.—Abe Livingston is contemplating the erection of a large concrete elvtr.

Fulton, Ky.—The Browder Mfg. Co. has equipped its new 17,000-bu. elvtr. with a Hall Signaling Distributor.

Louisville, Ky.—Miss Elizabeth Callahan, daughter of Lee Callahan, pres. of Callahan & Sons, will be married June 19 to Henry E. McElwain, of Holyoke, Mass.

Nicholasville, Ky.—C. S. Evans & Co. has been dissolved. Mr. Evans retains the elvtr. and the plant of the Star Mfg. Co. was taken over by me.—John R. Williams.

Bradfordville, Ky.—E. Lee Terhune, a member of the elvtr. and milling firm of B. Terhune's Sons, died recently from injuries sustained when his automobile overturned.

Henderson, Ky.—A. Waller & Co. are building 12 large concrete storage tanks of cylindrical construction, each 16 ft. in diameter and 50 ft. high. These are being built in 3 rows by the Burrell Engineering & Construction Co. in addition to the company's present elvtr.

LOUISIANA

New Orleans, La.—John T. Gibbons & Co. will build a new elvtr. on the recently acquired property. Up to the present time the elvtr. on this site had been used in the company's grain and hay business.

MARYLAND

Ellicott City, Md.—The C. A. Gambrill Mfg. Co. has let contract for a drier house.

Middlebury, Md.—P. D. Koons & Son have succeeded E. O. Cash & Bro. in the grain business at Double Pipe Creek (no p. o.).—E. O. Cash.

Keedysville, Md.—We have our new 7,000-bu. concrete elvtr. on the B. & O. R. R. about completed. No machinery has been installed except conveyors across the top and bottom to our mill building in which we have all cleaning machinery.—Keedysville Mfg. Co.

BALTIMORE LETTER.

J. S. Weiss has applied for membership in the Chamber of Commerce.

The new grades of the Chamber of Commerce for wheat are published elsewhere in this number of the Journal.

Philip C. McIntyre, ass't treas. of Hammond, Snyder & Co., recently underwent an operation for appendicitis.

Baltimore, Md.—J. A. Manger, of J. A. Manger & Co., will be chairman of the oats com'te during the coming year.

Baltimore, Md.—Walter Trappe, ass't mgr. here for the Norris Grain Co., of Chicago, Ill., is an applicant for membership in the Chamber of Commerce.

Baltimore, Md.—A hearing on the subject of the reduction in the free storage time from 4 days to 2 days will take place July 1 before the Interstate Commerce Commission.

MICHIGAN

Milan, Mich.—We have not let contract for an elvtr. as has been reported, but if we do build the house will be about 15,000 bus. capacity.—Auten Grain Co.

Mulliken, Mich.—The Mulliken Elvtr., formerly owned by Barber, McNaughton & Co., has been sold to McNaughton & Peabody, composed of O. J. McNaughton, one of the former owners, and H. O. Peabody.

A shipment of beans bearing the label of the Reliance Milling Co., Vassar, Mich., after arrival in Maryland was seized and destroyed by the United States Marshal by order of court on account of their putrid condition.

Schoolcraft, Mich.—We sold our grain business to W. J. Thomas, who took possession Feb. 1. We are not engaged in the grain business at present.—Case & Harvey, formerly operating elvtrs. at Schoolcraft, Flowerfield and Moorepark.

Jackson, Mich.—There is no foundation whatever for the report that the Richmond Elvtr. Co. will be consolidated with our firm. We had nothing whatever to do with the Richmond Elvtr. Co. which we understand is now in the hands of a trustee who is trying to liquidate the affairs of the company.—Stockbridge Elvtr. Co.

Grand Rapids, Mich.—We have deemed it advisable to defer activity in the organization of the proposed Public Elvtr. & Warehouse Co. on account of existing conditions abroad and in this country. This is a needed improvement in the handling of grain and will undoubtedly be pushed to completion when business conditions are better.—Fred N. Rowe.

Sixlakes, Mich.—We are building a new up-to-date grain and bean elvtr. and warehouse. We purchased the old elvtr. from J. W. Gaffield & Son and have torn it down completely. Our new plant will have a capacity of about 25,000 bus. of grain, seed, etc., and will be fully equipped in every way for handling the different commodities raised by the farmers. We will also handle potatoes as we purchased a potato cellar with the rest of the property and will also conduct a lumber yard in connection. Gustav Marotzke, who has been in our employ for several years, will probably have charge. We expect our plant to be ready for operation in time to take in new grain as soon as it is harvested and threshed.—Bad Axe Grain Co., Per Fred W. Kinde, sec'y, Bad Axe.

Lansing, Mich.—When the Merrill Farmers Elvtr. Co. at Merrill appealed to the state railroad com'sners when the Pere Marquette R. R. refused to bear the expense of a side track which had been built to the elvtr. Attorney-General Fellows decided: "The company, under the terms of the act, is required to provide an adequate and suitable siding, but it is also provided that such company may require the applicant to pay the legitimate cost of the same. This is a matter that is optional with the company, and, consequently, in our opinion, the elvtr. company cannot legally insist upon the refund provision in the contract. As to whether the contract is discriminatory, in view of the fact that tracks have been constructed for others under a contract providing for refund, depends entirely upon the present situation. If the Pere Marquette Co. is now exercising its option of compelling shippers to

pay the cost of such track without refund, no claim of discrimination can be made, in our judgment, because others in the past have been constructed with refund."

MINNESOTA

Currie, Minn.—P. J. Kinney is now agt. of the Skewis Grain Co.

Hopkins, Minn.—W. F. Nicolai expects to build an elvtr. soon.

Faribault, Minn.—The Commander Elvtr. Co. will build a new elvtr.

West Concord, Minn.—G. Pendergast is managing an elvtr. at this station.

Montevideo, Minn.—We are erecting 2 concrete storage tanks.—Chippewa Mlg. Co.

Fairmont, Minn.—The Western Elvtr. Co. is installing a new electric motor in its elvtr.

Ellsworth, Minn.—L. B. Spracher & Co., of Sibley, Ia., has bot the elvtr. of Jas. H. McRobert.

Airlie, Minn.—A new engine will be installed in the elvtr. of the Farmers Elvtr. Co.

Echo, Minn.—The new 25,000-bu. elvtr. of the Echo Mlg. Co. is practically completed.

Palmer sta. (Waseca p. o.), Minn.—Plans are being considered for a new elvtr. for the farmers.

Goodridge, Minn.—The Atlantic Elvtr. Co. is building a new elvtr. which will be ready before fall.

Ada, Minn.—The 30,000-bu. addition to the elvtr. of the Norman County Farmers Elvtr. Co. has been completed.

Albert Lea, Minn.—The Speltz Grain & Coal Co.'s elvtr. has been painted red and the interior of the office redecorated.

Burr, Minn.—L. J. Neshein, formerly mgr. of the Western Elvtr. Co., is now mgr. of the Farmers Elvtr. & Supply Co.

Worthington, Minn.—Work is progressing on the 30,000-bu. modern elvtr. for which the Farmers Elvtr. Co. recently let contract.

Springfield, Minn.—The Springfield Mlg. Co. will build an elvtr. to have a capacity of from 40,000 to 50,000 bus. on the site of the old house.

Prior Lake, Minn.—We are giving the foundation of our elvtr. a general overhauling, renewing underneath bins, boot, etc.—Costello Bros.

Afton, Minn.—Jameson, Hevener & Griggs, of St. Paul, have let contract for a new 30,000-bu. iron clad elvtr. to D. F. Hoag & Co. and work has commenced.

Greenland sta. (Elysian p. o.), Minn.—The Commander Elvtr. Co. has built a 20x30 ft. warehouse and made other improvements. An electric motor has been installed in the elvtr.

Hardwick, Minn.—We have bot elvtrs. on the C. R. I. & P. at this station, Trosky and Midland which will be operated from our Davenport, Ia., office.—Merchants Elvtr. Co., Minneapolis.

Albert Lea, Minn.—E. W. Wagner & Co. have opened a branch office in this city. Mr. Unker, who has been in charge of their offices at Burlington, Ia., and Fort Wayne, Ind., will be mgr.

Lewisville, Minn.—The farmers have organized a company and bot the elvtr. and coal sheds of the Hubbard & Palmer Co. Geo. Goor is pres. and F. Dewar, sec'y.—F. Chard, agt. C. S. Christensen Co.

Brown Valley, Minn.—I have sold my elvtr. to the new co-operative farmers company which has not been fully organized so far. It expects to take possession July 1. I have not decided whether or not I will remain in the grain business.—F. A. Monroe.

Litchfield, Minn.—We are organizing a farmers elvtr. company, which is not connected with the old Farmers Elvtr. Co., to build a 30,000-bu. elvtr. Albert Marquard is pres.—Farmers Independent Elvtr. Co.

Warren, Minn.—The Spaulding Elvtr. Co., which operates an elvtr. here, is erecting another house on the Soo R. R. The new 65,000-bu. elvtr. will consist of 4 steel bins which will make the total capacity about 100,000 bus.

Hayfield, Minn.—Emmitt & Victor Sunwale bot the elvtr. of the Amenla Elvtr. Co. and are putting on a new roof, painting the house and repairing it to handle the new crop.—T. O. Distad, mgr. Farmers Elvtr. & Mercantile Co.

Moorhead, Minn.—Herman Wilk has formed a partnership with D. D. Simmons and the business will now be operated as D. D. Simmons Co. They have leased the warehouse of W. H. Davy in addition to their present plant and are installing a dump wagon scale.

Pipestone, Minn.—We have installed a Monarch Attrition Mill over our driveway to elevate the grain to the machine and run the feed either directly into the farmer's wagon or into sacks. We have also installed a new boot and boot tank and are putting in a 5-ton wagon scale.—Demaray & Munce.

Wayburne sta. (Evan p. o.), Minn.—The 28,000-bu. elvtr. of G. L. Meine & Co., containing almost 10,000 bus. of grain, together with the corn crib and a carload of shelled corn, burned June 8. The origin is unknown but it started in the pit and was probably caused by a hot box. The house, which was built 2 years ago, and the contents, were insured.

Winona, Minn.—The Western Elvtr. Co., which operated 230 elvtrs. at one time and now has about 50, has been dissolved. C. M. Morse, vice-pres., will take over the holdings of the company here and at Rochester and will organize the Western Grain & Coal Co. The new company will be incorporated with Mr. Morse as pres. and will occupy a new office as the one near the elvtr. is too small.

Minnesota Lake, Minn.—The recently organized Farmers Elvtr. Co. incorporated; capital stock, \$25,000; incorporators, L. P. Phillips, Robert Beske and Wm. C. Minks. Contract for a 20,000-bu. modern steel clad elvtr. has been let to the Younglove Construction Co. Equipment includes a Western Gyrating Cleaner, Charter Oil Engine, manlift and a 1,250-bu. Richardson Automatic Scale.—W. C. Minks, sec'y.

Crookston, Minn.—The Crookston Mlg. Co. will build a 60,000-bu. elvtr. on the site of the house burned May 7. Plans have been drawn by T. E. Ibberson but contract has not been let. The elvtr. will be 32x48 ft. and nearly 100 ft. high and will contain between 25 and 30 bins. It will be of cribbed construction with steel sides and will have a concrete foundation. There will be an open space for the working floor 15 ft. above the street grade. Equipment will include several cleaning machines, motors, patent car mover, power shovels, large scale capable of weighing a carload at a time, automatic scale and a dump scale for receiving grain from wagons.

DULUTH LETTER.

The McKindley Grain Co. has closed its office in Minneapolis and opened one in this city.—C.

Kuesch & Schwartz, of Chicago, Ill., have opened an office in the Board of Trade Bldg. with Jay F. Finkelson as mgr.

E. F. Barrett has applied for a traveling representative's license to represent the Winter-Truesdell-Ames Co., M. S. Foresdahl, and T. H. Welch, E. L. Welch Co.; S. C. Johnson, O. T. Jones and C. L. Gauge, H. Poehler Co.; C. C. Rieger and P. S. Larson, Becher-Labree Co.; George B. Rail and S. P. Dilling, Van Dusen Harrington Co.; J. M. Wells and H. K. Chidlaw, International Elvtr. Co.; C. A. Martin, O. T. Griffith, S. L. Johnson, W. E. Cummings and R. T. Hannah, McCabe Bros. Co.; J. E. Owen, H. S. Roberts, J. G. Hangren and C. P. Wangness, H. L. Hankinson & Co.; John E. Winters, O. A. Rustad and G. D. Riesland, Standard Grain Co.; W. H. O'Bryan, C. C. Wyman & Co.; W. S. Tredway and E. L. Ferguson, United Grain Co.

Improvements will be made and new equipment installed in the elvtrs. of the Capitol Elvtr. Co., Consolidated Elvtr. Co. and the Globe Elvtr. Co.

We will enter the grain and hay commission business July 1. The company is composed of R. M. & E. M. White, for several years with Randall, Gee & Mitchell. —White Grain Co.

MINNEAPOLIS LETTER.

Hennessey & Murphy are out of business.—C.

The Heising Grain Co. is out of business.—C.

Grain men and millers of the Northwest will make a strong fight against the proposed increase in Northwestern grain tariffs.

Requests for transfer of the memberships of John A. Schroeder to E. J. Golden, Magnus W. Brown to J. K. Elliott and John E. Owen to H. H. Johnson have been made.

We have taken Judd Williams into our company as vice-pres. He has been connected with the grain business for the past 20 years, having managed country elvtrs. and been connected with a large com's'n company as salesman on the Exchange.—H. L. Berg, sec'y-treas. Hagen-Berg Co.

Elias Steenerson, a member of the Equity Co-operative Exchange at one time, has brought suit against the company for \$2,300 which he alleges is due him as back salary for soliciting business and selling stock. He was one of the chief witnesses used by the company at the legislative hearings in 1913.

A resolution has been adopted by the directors of the Chamber of Commerce that exchanges should hold their members, particularly those operating private wire offices, to strict account for the news they disseminate; and that the circulation of idle rumors or pretended information tending to influence markets, should subject the offenders to severe discipline.

Mrs. Katherine Jordan Peavey, widow and executrix of the estate of the late George W. Peavey, has brought suit against Frederick B. Wells, Frank T. Heffelfinger and Charles F. Deaver, asking the return of \$700,000 stock in F. H. Peavey & Co., which she alleges her husband placed in trust in 1907 with Wells and Heffelfinger, who, she says, transferred the trust later to Deaver.

MISSOURI

Fortuna, Mo.—Thomas Roach is building an elvtr.

Bronaugh, Mo.—The Lipscomb Grain & Seed Co. is making minor repairs.

Maysville, Mo.—A 1,600-bu. hopper scale will be placed in the elvtr. of the Farmers Elvtr. Co.

Pierce City, Mo.—H. J. Solomon has been chosen mgr. of the Pierce City Grain & Elvtr. Co.

Poplar Bluff, Mo.—The construction of the elvtr. of the Butler County Mlg. Co. is progressing.

Springfield, Mo.—C. A. Andrews, a former grain and hay dealer, died at Miami, Okla., recently.

Stokley sta. (Lamonte p. o.), Mo.—A new elvtr. is in course of construction for the Acme Mlg. Co.

Humansville, Mo.—I am building an up-to-date elvtr. at this station.—P. D. Blake, formerly at Stanberry.

St. Joseph, Mo.—S. M. Bird, of the St. Joseph Hay & Feed Co., has recovered from his recent illness.

Napton, Mo.—The Rea & Page Mlg. Co. is installing a Constant Steel Manlift in its new 50,000-bu. elvtr.

St. Joseph, Mo.—A branch office will be opened in this city July 1 by the Benton Grain Co., of Kansas City.

Lancaster, Mo.—The Schuyler County Mlg. Co., which recently built an elvtr. here, has bot the mill of Mock & Hulen.

Slater, Mo.—Work is advancing on the reinforced concrete elvtr. of the Coker Co. which replaces the house burned Mar. 21.

Metz, Mo.—Work on the elvtr. of the Peoples Elvtr. Co. has been started and the building will be ready for the new crop.

Louisiana, Mo.—The Armour Grain Co., of Chicago, Ill., has opened a branch office here. R. N. Fulton, with Carl Bartness as operator, will be mgr.

Joplin, Mo.—Grain dealers of Missouri, Kansas, Arkansas and Oklahoma met June 15 and discussed means of obtaining uniformity of laws affecting them.

Marshall, Mo.—The Missouri Valley Grain Dealers Ass'n held its annual meeting June 8 and re-elected S. J. Klingenberg, of Concordia, pres., and Charles Budde, of Higginsville, sec'y and treas.

Henley, Mo.—Our new fireproof elvtr. will be completed to handle this year's crop. A large wareroom for storing feed, meal, flour, etc., is being constructed in connection.—Otto Engelbrecht.

Alexandria, Mo.—I have built 5 bins in my elvtr. with a capacity of about 12,000 bus., so constructed as to fill and empty automatically by screw conveyors. The bins are built by placing 2x6 in. planks flatways.—W. N. Sage.

Ashburn, Mo.—The elvtr. we are building here on the C. B. & Q. R. R. is a 7,000-bu. cribbed house equipped with a dump scale, automatic weighing out scale, corn sheller and cleaner and gas engine. It will be completed July 1 and will be owned and operated by us.—Anderson-Garner Co., Louisiana.

St. Joseph, Mo.—The Buchanan Elvtr. Co. incorporated; capital stock, \$250,000 in corporators, R. T. Forbes, J. G. Schneider and others. L. D. W. Van Vliet was elected pres. The company will have its plant, which is known as the Swift Elvtr., completed about Aug. 1. Two 2,000-bu. hopper scales will be installed.

Tipton, Mo.—The elvtr. here belonged to me but the business was owned and operated by my son, A. C. Yontz. I sold the elvtr. and warehouse to Ratliff & Wehmeier. My son has moved his stock and will continue in the same business. He will erect a 20,000-bu. elvtr. this summer or early in the fall.—W. H. Yontz, per A. C. Yontz.

The following have recently been admitted to membership in the Missouri Grain Dealers Ass'n: R. J. Ellis, Syracuse; Salisbury Mlg. Co., Salisbury; J. W. & A. J. Simpson and J. W. Sharp & Son, Brunswick; Farmers Elvtr. Co. and Model Mill Co., Salisbury; Geo. A. Mayo & Son, Huntsville; J. E. Newby Elvtr. Co., Clifton Hill; McAfee Mill & Com's'n Co., Moberly; J. C. Shaffer & Co. and Bridge & Leonard Com's'n Co., Chicago, Ill.; C. A. Johnson, Lexington Junction; W. H. Trenchard, Hardin; Franken-Belt & Chapman, Norborne; Wellsville Mlg. Co., Wellsville; Karenbrock Mlg. Co., Wentzville; Farmers Elvtr. Co., O'Fallon; Potts & Wade and Crump & Humphrey, Centralia; Ludlow Grain & Elvtr. Co., Ludlow; D. H. Clarke, Gault, and H. P. Scruby Mlg. & Elvtr. Co., Chillicothe, Mo.

The proposed advance in freight rates in Missouri which has been agitated before the Legislature and Public Service Commission is still in an unsettled condition. Our traffic com'te has been conferring with the State and Interstate Commissions to have this matter settled before the harvest season. It fully appreciates the difficulties and losses that would result from a change in rates being made while the crop movement is under way. There is a possibility, based on a complaint made by the southwestern millers before the Interstate Commerce Commission, of a restoration of the old rate, and dealers should be prepared for such a contingency. This matter will be watched very closely by our traffic com'te and should any change be made notice will be sent to members.—J. A. Gunnell, sec'y Missouri Grain Dealers Ass'n.

In order to increase our membership and as an inducement to the members to make special effort we are going to offer a prize of \$50 in gold to the individual member or firm sending in the largest number of applications for membership acceptable to the Board of Directors before Dec. 31 of this year. At least 5 applications must be sent in and accepted for you to be considered in the contest. Get busy and secure this prize for a New Years present.—J. A. Gunnell, sec'y Missouri Grain Dealers Ass'n.

KANSAS CITY LETTER.

The Aylsworth-Neal-Tomlin Grain Co. has increased its capital stock to \$250,000.

F. L. Bedell, formerly with the McEwen Grain Co., is now with the Kemper Grain Co.

G. H. Beach, father of Kay H. Beach, of the Beach Grain Co., died recently at Wailula, Kan.

Chief Inspector M. C. Fears, who has been ill for about a month with an attack of typhoid-pneumonia, is able to again be at his office.

Howard E. Merrell, formerly cashier for Goffe & Carkener, will hereafter act as salesman for the firm. He has bot a membership in the Board of Trade.

The Root Grain Co. has been reorganized and incorporated with a capital stock of \$45,000. J. L. Root will probably act as pres. and F. L. Ferguson sec'y-treas.

The offices of the Terminal Elvtrs., Aylsworth-Neal-Tomlin Grain Co., and other companies in the Board of Trade Bldg. have been enlarged to facilitate the handling of the immense crop.

The Neola Elvtr. Co. has rented half a floor in the new Glover Bldg. which will be completed soon, to take care of the handling of the large crop. Several other companies will have offices in the building when finished.

Thomas R. Smith, cash grain man for B. C. Christopher & Co., and his brother, Robert Y. Smith, formerly head of the R. Y. Smith Grain Co., have organized the Smith Bros. Grain Co. with temporary offices in the Board of Trade Bldg. Robert Smith will spend considerable time on the road.

Contract for the new 1,000,000-bu. elvtr. of the Kansas City Southern Ry. has been awarded the Burrell Engineering & Construction Co., including both plans and construction. The plant will be of concrete, the workhouse having square bins while tanks will be provided for storage. Three 2,000-bu. hopper scales will be installed.

The private inspection buro of the Board of Trade has been practically discontinued, altho it will continue to do sampling for Board of Trade members. The weight buro of the board will continue to check weights in Kansas City, Kan., elvtrs., the same as in Missouri. All inspecting and grading of grain at this market is now being done by the state inspectors of Kansas and Missouri.

ST. LOUIS LETTER.

John B. Beggs, of Ashland, Ill., has taken a position with Elmore-Schulte Grain Co.

J. W. Bryan, who has been handling cash grain for Fuller Wooldridge, will travel for Russell Grain Co.

Fred Wallace, who has been managing the Security Warehouse & Elvtr. Co., will represent Bartlett, Frazier Co., of Chicago, Ill.

The daughter of William P. Samuel, who formerly represented a Chicago grain firm here, was killed recently in an automobile accident.

A. C. Petri, representative here for the Bartlett, Frazier Co. of Chicago, Ill., will represent Finley Barrell & Co. of Chicago, Ill., on the Exchange after July 1.

Leon Priwer and Jas. A. Connor have joined forces and will do a general cash grain, receiving and shipping business under the firm name of Priwer-Connor Grain Co.

Members of the Merchants Exchange voted June 23 on an amendment to the rules which will permit smoking on the floor between 9:15 a. m. and 1:15 p. m. from June to September.

George Lanitz, a member of the Merchants Exchange for the past 50 years, died recently at the age of 75. He was a member of the grain and hay firm of Grassmuck & Lanitz at one time.

John Dower was in attendance at the conference on weights and measure at Washington, D. C., from May 25 to 28. This meeting is on record as being in favor of Ashbrook's bill H. R. 16876.

A Membership certificate No. 7787, dated Sept. 12, 1898, name C. D. Milleson, is missing according to an announcement made by the board of directors of the Merchants Exchange before issuing a duplicate.

The F. W. Brockman Com's'n Co. has filed a voluntary petition in bankruptcy with liabilities at \$57,206.77 and assets, \$45,025.55. James W. Corcoran has been appointed receiver, F. W. Brockman, who founded the company, died several months ago.

Mrs. Thomas B. Teasdale, wife of the vice-pres. of the J. H. Teasdale Com's'n Co., in swerving her electric coupe to avoid collision with another automobile, struck H. H. Wheeler, who died later from injuries received. Mrs. Teasdale is prostrated.

Geo. S. Milnor, W. J. Niergarth, O. S. Tilton of this city and C. L. Hatler, of Barnett, have been admitted to membership in the Merchants Exchange. The memberships of Wm. A. Frasier, A. A. Keyes, E. G. Cherbonnier, Jr., H. Lee Earl and E. M. Goette have been posted for transfer.

The Marshall Hall-Waggoner Grain Co. incorporated; capital stock, \$400,000; incorporators, Marshall Hall, E. L. Waggoner, and others. This company succeeds the W. L. Green Com's'n Co. Marshall Hall is pres., E. L. Waggoner vice-pres., W. J. Ravold sec'y and J. T. Arthur treas. W. T. Brookings will manage the export dept. and H. H. Savage will be traveling representative.

The following amendment in place of paragraph 5 of section 7 of Rule 8 of the Merchants' Exchange was adopted June 17: The excess or deficit on purchases or sales of specific quantities of grain, mill feed or seeds, to arrive, shall be determined on the next business day after the car is unloaded, and settlement made basis of grade sold at the current market price on that date in this market.

The Missouri public service com's'n June 21 ruled that the rates charged by the Southwestern Telegraf & Telephone Co. (Bell) for local service in this city are too low and gave the company until Aug. 10 to file a new schedule. The com's'n found that the valuation of the property of the company is \$8,500,000 and that its present earnings are 5½%. The commission held that a proper earning would be 6½%.

As threatened, suit to oust the Merchants Exchange from the state on account of its maintenance of a weighing department has been started by Attorney-General Barker, who threatens a similar suit against the Kansas City Board of Trade. The Missouri statutes prohibit weighing of grain at these cities by others than state weighers. The law has not been enforced, because the public was generally in favor of the supervision exercised by the exchanges, and willing to pay for the exchange weighing 35 to 50 cents per car because it is reliable, while the state weighers and fees are considered purely a political tax. The fees have not been a source of profit to the Exchange, which established its bureau solely to satisfy shippers of grain to this market, the members having had to subscribe \$85,000 out of their own pockets to maintain the bureau. If the suit results in a movement by shippers to have the state weighing law repealed the attorney-general will have performed a useful service in calling their attention to this nest of tax eaters.

The following amendment to the rules and by-laws of the Merchants Exchange was adopted June 17: Grain, feed stuffs or seeds, sold from track or to arrive, to be switched or delivered to an elvtr., industry or team track, shall be unloaded within 5 calendar days after actual or constructive delivery, (and for purpose of this rule the records of a railroad company of the time of tender or delivery shall be prima facie evidence) to the specified tracks or to the lead or switch upon which the industry is located. In the event any grain, feed stuffs or seed shall not have been unloaded or paid for within a period of 5 calendar days, including the date of delivery or tender, as specified in this rule, the buyer shall pay to the seller, and the seller shall collect from the buyer, interest at the minimum rate of 6% per annum, or the current legal rate, if higher, for each calendar day after the expiration of the 5 calendar days' free unloading period until the commodity is paid for, provided the buyer shall have the right to make advances or tender payment in full at any time. Refusal or neglect to comply with these provisions shall be considered unmercantile conduct under the rules of the exchange.

MONTANA

Gage, Mont.—The new elvtr. of the Roundup Elvtr. Co. is about completed.

Roundup, Mont.—The warehouse of the Roundup Elvtr. Co. was burglarized recently.

White Sulphur Springs, Mont.—E. O. Railsback is contemplating the erection of an elvtr. and mill.

Baker, Mont.—The farmers may buy 1 of the elvtrs. at this place this fall.—Wm. O'Loughlin, prop. Independent Elvtr.

Stipek, Mont.—I am no longer agt. of the East Montana Elvtr. Co., having bot an elvtr. at Luverne, N. D.—F. L. Griffith.

Lewistown, Mont.—B. F. Stone, representative of Woodward & Co., of Minneapolis, Minn., has removed to Westhope, N. D.—P. M.

Conrad, Mont.—Work is progressing on the new 38,000-bu. elvtr. of the Montana Central Elvtr. Co. which replaces the house burned Mar. 7.

Dillon, Mont.—A movement has been started to establish a farmers elvtr. company which will probably take over the elvtr. built last year.

Cascade, Mont.—The Farmers Equity will build an elvtr. at this place. We have increased our capital stock to \$200,000.—Cascade Mfg. & Elvtr. Co.

Harlem, Mont.—We will operate the elvtr. which we bot from the Imperial Elvtr. Co. in connection with our elvtr. here.—O. Harlen, mgr. Milk River Elvtr. Co.

Denton, Mont.—I have resigned as mgr. of the Farmers Co-operative Co. and Adam Koenig, of Garrison, N. D., has taken my place. Arthur Freie was offered the position but did not accept it.—Fred E. Osborne.

Bridger, Mont.—I have moved here from Foster, Mo., and contemplate embarking in the grain business at this station. G. H. Shouts, of Parkers Prairie, Minn., has leased a site on the Northern Pac. right-of-way and will have a new elvtr. completed by fall.—Fred Livengood.

NEBRASKA

Danbury, Neb.—Wm. Baird is now agt. of the Duff Grain Co.

Potter, Neb.—The Farmers Grain & Mfg. Co. is building an elvtr.

Tecumseh, Neb.—L. S. Chittenden has had his elvtr. resingled.

Malmö, Neb.—The elvtr. of the Union Co-operative Co. has been repaired.

Primrose, Neb.—V. H. Smatlan is having the scales at his elvtr. overhauled.

Archer, Neb.—The elvtr. of the T. B. Hord Grain Co. has been repaired.

Grafton, Neb.—The Hynes Elvtr. Co. purchased a Hall Signaling Distributor.

Orleans, Neb.—The Orleans Equity Union has bot the elvtr. of Geo. S. Austin.

Elba, Neb.—Vernon Snyder has taken charge of the elvtr. of A. W. Riness.

Wynot, Neb.—H. H. Perry has been retained as agt. of the M. King Grain Co.

Elk Horn, Neb.—The elvtr., which was destroyed by fire recently, will be rebuilt.

Giltner, Neb.—The recently formed Farmers Elvtr. Co. has been incorporated.

David City, Neb.—C. H. Aldrich, of Lincoln, has bot the elvtr. of James Bell & Son.

Bertrand, Neb.—J. E. Bailey has resigned as agt. of the elvtr. of C. B. Seldomridge.

Bradshaw, Neb.—I am mgr. of the Farmers Union Co-operative Ass'n.—L. J. McCarthy.

Osceola, Neb.—The elvtr. of James Bell & Son has been sold to C. H. Aldrich, of Lincoln.

Exeter, Neb.—The Exeter Elvtr. Co. has been making a number of improvements in its elvtr.

Ord, Neb.—The Farmers Elvtr. Co. has completed its new wareroom and opened its elvtr.

Louisville, Neb.—M. L. Williams will succeed F. H. Ossenkop as agt. of the Duff Grain Co.

Brainard, Neb.—Work is progressing on the new 40,000-bu. elvtr. of the Farmers Elvtr. Co.

Thayer, Neb.—The Farmers Elvtr. Co. is equipping its elvtr. with a Hall Signaling Distributor.

Polk, Neb.—I am mgr. of the recently organized Farmers Grain & Stock Co.—Lewis O. Glad.

Cedar Bluffs, Neb.—The Farmers Union has purchased the elvtr. of the Farmers Co-operative Ass'n.

Finchville, Neb.—Work on the elvtr. under construction has been delayed by the inclement weather.

Weston, Neb.—The Weston Grain & Stock Co. is planning to erect a modern concrete elvtr. in 1916.

Omaha, Neb.—Albert Heddlund, of the United Grain Co., was married recently to Miss Rose C. Johnson.

Lyons, Neb.—A. Moseman will probably install a motor this year, replacing his gasoline engine for electric power.

Petersburg, Neb.—G. A. Peters, agt. of the Updike Grain Co., will be transferred to the company's elvtr. at Aurora.

Germantown, Neb.—The recently organized Germantown Elvtr. Co. have applied to the C. B. & Q. R. R. for a site.

Superior, Neb.—Bossemeyer Bros. have completed the erection of a terminal elvtr. as well as the remodeling of their office.

Mead, Neb.—The elvtr. of the Trans-Mississippi Grain Co. has been purchased by the Farmers Co-operative Union Ass'n.

Jansen, Neb.—The Jansen Equity Exchange has been incorporated with a capital stock of \$15,000.—J. M. Carstens, mgr.

Yanka sta. (Brainard p. o.), Neb.—C. H. Aldrich, of Lincoln, has purchased the elvtr. formerly operated by James Bell & Son.

Beaver Crossing, Neb.—The improvements and repairs on the elvtr. of the W. T. Barstow Grain Co. are progressing rapidly.

Endicott, Neb.—Our elvtr. will be overhauled and an automatic scale installed.—F. W. Wells, mgr. Endicott Equity Exchange.

Hildreth, Neb.—The elvtr. owned by Wm. Rundberg, which has been closed since Oct. 31, 1914, has been sold to a Holdrege company.

Perry sta. (McCook p. o.), Neb.—We have overhauled our engine and made some light repairs.—S. S. Garvey, agt. Updike Grain Co.

Kenesaw, Neb.—The Farmers Elvtr. & Lumber Co. has repaired the elvtr. which it recently bot from the Kochler-Twidale Elvtr. Co.

Table Rock, Neb.—The 20,000-bu. elvtr. and coal sheds of Butterfield & Co. have been sold to the Farmers Union, possession to be given July 1.

Pleasanton, Neb.—We have put in a stock of lumber and will handle it in connection with our grain business.—D. Phillips, mgr. Farmers Grain Co.

Kearney, Neb.—C. Vincent, of Omaha, has been elected mgr. of the Buffalo County Farmers Grain Co. The company operates elvtrs. at Pleasanton, Buda, Miller and Poole.

McCook, Neb.—Real & Easterday are installing a new 10-h.p. engine and are repairing and painting their elvtr.—S. S. Garvey, agt. Urdike Grain Co., Perry sta. (McCook p. o.).

Oconee, Neb.—Fire, supposed to have started by sparks from a locomotive, totally destroyed the elvtr. of the T. B. Hord Grain Co. The building contained little grain and the loss, which is about \$3,000, is on the building.

Hooper, Neb.—The Farmers Union Co-operative Ass'n has been incorporated with a capital stock of \$50,000. John Havekost is pres. and Norman Shaffer, sec'y. The Farmers Grain & Stock Co. has voted to sell the new company its elvtr.

Petersburg, Neb.—The Crowell Lumber & Grain Co., which owns an elvtr. here, has bot the elvtrs. of the Urdike Grain Co. and the Trans-Mississippi Grain Co. which will be used for storage if necessary. The lumber yard will be enlarged by building new sheds and an office.—E. Schuell, agt.

Cook, Neb.—J. A. Schoental, of Gering, bot a controlling interest in the Cook Lumber & Grain Co. The company has incorporated with Mr. Schoental as pres. and sec'y and A. A. Tanner, vice-pres. and treas. The elvtr. has been improved, a new 2x4 driveway built and the top lowered 18 in.—H. R. Proffitt.

Loomis, Neb.—The elvtr. I am building for the Loomis Grain & Mfg. Co. is a 25,000-bu. house, all concrete below the dump and working floor. Equipment includes a 15-h.p. Otto Engine, rope drive, bin scales, Fairbanks Wagon Scales and a grain cleaner and separator. It will be ratproof and waterproof.—W. M. Bruce.

Roseland, Neb.—The elvtr., which the Roseland Grain & Supply Co. has had under construction for some time, is about completed. Work was delayed on account of the wet weather. The elvtr. of the Koehler-Twidale Elvtr. Co. has been remodeled, a Van Ness Roller Bearing Manlift installed, the automatic scale moved from the work floor to the cupola, the dump pit repaired and minor repairs made. The R. M. Van Ness Construction Co. did the work.

NEW ENGLAND

Turner, Me.—The Ham Grain Co. has moved into new quarters.

Cheshire, Mass.—Henry C. Bowen, in the grain business, died recently, aged 83 years.

Marlboro, Mass.—The office of the Marlboro Grain Co. was entered and valuable papers taken.

Newburyport, Mass.—An attempt was made to burn the grain establishment of Moses Rolfe recently.

Portland, Me.—Frederick H. King, formerly in the wholesale grain business, died June 14, aged 48 years.

Haverhill, Mass.—The elvtr. of J. O. Ellison & Co. was damaged by fire recently when the adjoining lumber yards burned.

Palmer, Mass.—A spur track has been completed by the B. & A. R. R. on which coal sheds will be erected by the Cutler Grain Co.

Fitchburg, Mass.—Sidney R. Rafuse, Arthur Smith and John W. T. Lesure have taken possession of the Merriam & Ralph Grain Co. which they bot recently.

Leominster, Mass.—The 2nd floor of the grain store of Bowen & Fuller caved in June 15 under the weight of 10 tons of cottonseed meal and a ton of stock feed.

Dover, N. H.—The Stafford-York Grain Co., with Leroy E. Goss as active head, has opened a wholesale grain office. E. J. York has added additional storage space to his grain, coal and lumber business.

NEW MEXICO

Rock Island, N. M.—An elvtr. will not be erected here by the Panhandle Grain Co., of Amarillo, Tex.

NEW YORK

Waverly, N. Y.—We have not decided whether or not we will increase our elvtr. capacity this year.—Tioga Mill & Elvtr. Co.

Buffalo, N. Y.—A 17x59 ft. reinforced concrete grain warehouse will be built by the Eldad Mfg. Co., which is in the feed business here.

Rochester, N. Y.—The Moseley & Motley Mfg. Co., operating an elvtr., sustained a \$10,000 loss by fire at their plant recently. It will be repaired at once.

New York, N. Y.—Leonard C. Isbister, who formerly represented the Hancock Grain Co. of Philadelphia, Pa., on the Produce Exchange, is now with Smith & Miller.

New York, N. Y.—P. C. Clausen, of the Simonds-Shields Grain Co., Kansas City, Mo., James F. Hammers, of Boston, Mass., John E. Scandoles, Hans Hinrichs, mgr. here for the Gould Grain Co. of Minneapolis, Minn., and Harry Langenberg of Langenberg Bros., St. Louis, Mo., have applied for membership in the Produce Exchange.

NORTH DAKOTA

Marion, N. D.—The Miller Grain Co., of Page, has bot an elvtr. at this station.

Kloten, N. D.—I am now agt. of the Winter-Truesdell-Ames Co.—Tom S. Wiley.

Bantry, N. D.—The elvtr. of the Monarch Elvtr. Co. recently received a coat of paint.

Devils Lake, N. D.—Work has been started on a 20,000-bu. elvtr. east of this city.

Temvik, N. D.—The Farmers Elvtr. Co. will be incorporated with a capital stock of \$10,000.

Sentinel Butte, N. D.—The Farmers Elvtr. Co. is attempting to establish a flour mill.

Inkster, N. D.—Allan McManus is contemplating the erection of an elvtr. and seed house.

Nortonville, N. D.—V. W., F. E. and Ernest Steele have purchased the elvtr. of the Dakota Grain Co.

Berthold, N. D.—The Farmers Elvtr. Co. has let contract for a 60,000-bu. iron clad elvtr. to C. H. Benson.

Martin, N. D.—The elvtr. of B. G. Southall, which is closed at present, will be reopened about Aug. 1.—X.

Moffit, N. D.—J. B. Ratzlaff has been retained as mgr. of the Farmers Elvtr. & Mercantile Co. for another year.

Prosper, N. D.—The Farmers Elvtr. Co. will build a 30,000-bu. iron clad elvtr. D. F. Hoag & Co. have the contract.

Considine, N. D.—The elvtr. of the St. Anthony & Dakota Elvtr. Co. has a new coat of paint.—J. A. Waldow, agt.

Williston, N. D.—Richard Payton and myself expect to operate the elvtr. of O. E. Hine line this season.—A. H. Brown.

Conway, N. D.—E. Nelson will manage the elvtr. which the Lybeck Grain Co. recently acquired from the Pisek Grain Co.

Honeyford, N. D.—I am no longer agt. of the Thorpe Elvtr. Co. here and am now located at Gibly.—K. Gullikson, R. F. D. No. 1.

Grace City, N. D.—J. P. Peterson, of Berea, will succeed me as mgr. of the Grace City Co-operative Elvtr. Ass'n.—H. C. Barber.

Glover, N. D.—A new leg will be installed in the elvtr. of the Glover Holding Co. and the annex will be remodeled into a seed house.

Manvel, N. D.—The St. Anthony & Dakota Elvtr. Co. will build a new office and engine house to replace the ones now being wrecked.

Hampden, N. D.—A. N. Haugen has succeeded J. N. Bordson as mgr. of the Farmers Elvtr. Co.—Farmers Mill & Elvtr. Ass'n, Devils Lake.

Williston, N. D.—The Equity Elvtr. & Trading Co. has been reorganized and changed to the Farmers Elvtr. Co. I am mgr.—B. L. Hardway.

Hurdsfield, N. D.—The Farmers Elvtr. Co. has let contract for a 35,000-bu. iron clad elvtr. to C. H. Benson to replace the house burned recently.

Valley City, N. D.—The farmers have organized a new company to operate an equity elvtr. A farmers elvtr. company is already running an elvtr. here.

Wimbledon, N. D.—The elvtr. of R. Glendenning & Co. is being completely remodeled at an expenditure of \$2,000. D. F. Hoag & Co. are doing the work.

Glenburn, N. D.—Midway Co-operative Elvtr. & Mfg. Co. incorporated; capital stock, \$12,000; incorporators, F. B. Wood, O. J. Kulseth and G. T. Wolseth.

Underwood, N. D.—The Farmers Elvtr. & Mercantile Co. has been organized with a capital stock of \$25,000. A farmers elvtr. company is already operating here.

Sanish sta. (Amanda p. o.), N. D.—Farmers Grain & Trading Co. incorporated; capital stock, \$10,000; incorporators, A. A. Peterson, W. B. King and C. A. Peterson, all of Plaza.

Park River, N. D.—The Lybeck Grain Co., of Souris, has acquired the elvtr. of the Pisek Grain Co. at this station, Pisek and Conway. John Thorvilson will remain in charge here.

Tolley, N. D.—The Farmers Elvtr. Co. is making plans and specifications for a 40,000-bu. iron clad elvtr. Equipment will include 2 legs, a 20-h.p. gas engine, grain cleaner and automatic scale.

Parkin sta. (Timmer p. o.), N. D.—The Benson-Newhouse-Stabeck Co. has just completed a new elvtr. The farmers have not organized a company as yet, but they may take over this elvtr.—X.

St. Thomas, N. D.—The Monarch Elvtr. Co. is putting in a new foundation and giving the house a general repairing. I am repairing by elvtr., installing a new direct spout, cleaner and scale.—James Whelan.

Verona, N. D.—Work on the elvtr. of the North Star Grain Co., which replaces the house burned recently, has been started. We will install a Fosston Cleaner.—P. S. Tiedeman, Verona Grain & Fuel Co.

Kensal, N. D.—We have installed 2 new boots, an elvtr. belt and buckets and have put in a concrete foundation, pits and floor at a cost of \$2,000. D. F. Hoag & Co. did the work.—J. C. Ashley, mgr. Farmers Elvtr. Co.

Adams, N. D.—J. S. Broberg has resigned as mgr. of the Farmers Elvtr. and has moved to Hillsboro where he expects to engage in the grain business for himself. I have succeeded him here as mgr.—T. Chandler.

Fargo, N. D.—In the suit of the state of North Dakota against the Equity Co-operative Exchange the defense is attempting to show that sales of grain thru the Equity were made each day within the range of cash grain prices on the Minneapolis Chamber of Commerce. Ola A. Hohle, salesman, for the Equity, testified that he made sales thru 5 different firms. The state has obtained depositions from a number of grain shippers near Velva who had unsatisfactory dealings with the Equity and will present them in rebuttal.

Dickey, N. D.—The Farmers Elvtr. Co. and the Dickey Grain Co. expect to install automatic scales.—C. E. Larson, Dickey Grain Co.

Luverne, N. D.—O. T., H. G., and F. L. Griffiths will operate the elvtr. which they bot recently under the name of Griffiths Bros. I will have charge.—F. L. Griffiths, formerly mgr. East Montana Elvtr. Co., Stipek, Mont.

Northwood, N. D.—The Northwood Equity Elvtr. Co. has been incorporated with a capital stock of \$15,000 by Jos. Williams, P. J. Ostmo and others to buy or build an elvtr. A farmers elvtr. company is already in operation at this station.

Starkweather, N. D.—Iver Iverson succeeds me July 1 as mgr. of the Farmers Grain Co. Magnus & Noyes have built a modern 9x24 ft. feed mill, installing a 25-h.p. Fairbanks Oil Engine.—Tom S. Wiley, agt. Winter-Truesdell-Ames Co., Klotten.

Gwinner, N. D.—We have installed a new scale, platform wagon dump and renewed all belting. Last fall we built a new office, installed a 10-h.p. engine, a 6-bu. Richardson Automatic Scale and a cleaner and manlift.—E. J. Hoel, mgr. Farmers Elvtr. Co.

Colgate, N. D.—The elvtr. of the Cargill Elvtr. Co. has been repaired. A. H. Beckley, who had charge of the elvtr. at Pillsbury, of the St. Anthony & Dakota Elvtr. Co., is now agt. for the company here in my place and I am mgr. of the Farmers Elvtr. Co.—E. P. Curtis.

Bismarck, N. D.—Should the terminal elvtr. bill be approved by the voters at the coming general election it is planned by politicians to pass a bill providing for state grain inspection, with the pure food commissioner as chief inspector and weigher, with power to appoint inspectors and weighers in every local market in the state.

Dogden, N. D.—The elvtr. of the Schmidt-Gulack Elvtr. Co., which was destroyed by fire of unknown origin recently, was a 25,000-bu. house. Loss on building, \$5,200; insurance, \$4,400; loss on the 3,000 bus. of grain in the elvtr. at the time covered by insurance. We were operating the elvtr. under lease.—Carl H. Olson Grain & Shipping Co.

Bismarck, N. D.—H. B. No. 356, providing that the railroad commission shall control rates made by public utility corporations, will go into effect July 1, as not sufficient names were placed on the petitions to have the measure referred to the people at the coming general election. H. B. No. 492, to repeal the law for building a terminal elvtr., will be referred to the people, there being 8,400 signatures, while only 8,228 are required.

OHIO

Madison Mills, O.—I am installing a new gasoline engine in my elvtr.—H. Hall.

Lake View, O.—The Sheets Grain Co. has put a new grain cleaner in its elvtr.

Cincinnati, O.—J. M. McDonald has entered the cottonseed meal business at this city.—S.

Outville, O.—Scoop shovellers are operating in this vicinity. The regular dealer is Burton Cain.

Mingo, O.—H. Townsend, formerly in the grain business here, has moved to North Lewisburg, O.

Valley City, O.—A scoop shoveler is operating at this point. The regular dealer is Frank Steck.

Dayton, O.—Miami Valley grain dealers met here on June 18 to discuss crop conditions thruout the Valley.

Toledo, O.—W. E. Savage, pres. Imperial Grain & Mfg. Co., has announced his candidacy for mayor of the city.

Willshire, O.—Willshire Grain Co. incorporated to operate the elvtr. acquired of W. A. Dull by L. S. Brandon and C. S., A. D. and O. M. Behymer; capital, \$20,000.

Columbus, O.—The act of the legislature repealing the maximum freight rate law of Ohio has been signed by Gov. Willis.

Toledo, O.—E. H. Culver, chief grain inspector of the Produce Exchange, is recuperating from a recent operation.

Sterling, O.—A scoop shoveler is operating at this point in corn and oats. The regular dealer is the Sterling Elvtr. Co.

Fremont, O.—The Peoples Elvtr. & Supply Co., recently incorporated, has purchased Wolf Bros.' elvtr. at this town for \$13,500.

Loudonville, O.—B. F. Craig, of Shreve, O., has been made mgr. of the new elvtr. recently acquired by the Farmers Equity Exchange Co.

St. Johns, O.—The elvtr. formerly owned by Allen & Wells has been purchased by G. M. Sharr, Lima, and is now closed.—P. H. Sheedy.

Fletcher, O.—I am sec'y of the Fletcher Grain & Supply Co. which recently bot the 60,000-bu. elvtr. of the Spencer-Furrow Co.—C. L. Berryhill.

Cincinnati, O.—Adam Peters, who has been employed by the Chamber of Commerce for some time, will remove to a farm with his family.

Columbus, O.—The Central Grain & Mfg. Co. has been incorporated by H. F., A. M., and C. J. Damm, F. P. and Minnie Kienzle; capital stock, \$10,000.

Ross, O.—C. R. Brown, general mgr. and part owner of Willey, Brown & Co., is now interested in the Ellis & Fleming Brown Co. at Cincinnati.

Cincinnati, O.—J. H. Blanton, of the Queen City Flour & Feed Co., and Alex Patterson have applied for membership in the Chamber of Commerce.

Brown sta. (Rex p. o.), O.—J. A. Brubaker & Son are again operating their elvtr. at this point which was recently bot by the Tippecanoe Mfg. Co.

Williamsport, O.—B. B. Yates & Co., which recently opened its elvtr. for business, has arranged for the installation of a Boss Air Blast Car Loader.

Wooster, O.—Gray & Smith Mfg. Co. incorporated; capital, \$100,000; incorporators, A. G. Smith, J. B. Taylor, J. F. Tyler, J. Kaltwasser and R. B. Woods.

Metamora, O.—We have just installed a Monarch Ball-Bearing Attrition Mill of Sprout, Waldron & Co. Will soon install a cob crusher.—Metamora Elvtr. Co.

Program of the meeting of the Ohio Grain Dealers Ass'n to be held June 30 to July 1 at Cedar Point is published elsewhere in this number of the Journal.

Ottawa, O.—Putnam Grain Co. is making extensive improvements to its elvtr., including doubling the capacity by an addition. This is the former Douglas elvtr.

Toledo, O.—B. F. Schwartz, of Keusch & Schwartz, of Chicago, and L. J. Schuster, of Raymond P. Lipe Co. of this city, have been admitted to membership in the Produce Exchange.

St. Paris, O.—The elvtrs. of McMorran Bros. at St. Paris, Thackery and Proctor have been sold to De Bolt & Niswonger, Monroeville, Ind., the new owners taking immediate possession.

Circleville, O.—K. B. Seeds has severed his connection with this company to accept a position with the government at Washington in the Marketing of Grains Dep't.—H. S. Heffner, Heffner Mfg. Co.

Bucyrus, O.—The sale of the Chatfield Mfg. & Grain Co.'s plant of Chatfield, O., to H. D. Miller of this city has been set aside, as G. A. Brause has bid \$5,850 for the property, \$200 over the bid of Mr. Miller.

Cincinnati, O.—The Ellis & Fleming Brown Co. incorporated with a capital stock of \$20,000 to succeed Ellis & Fleming after July 1. J. W. Ellis is pres., E. E. Fleming vice-pres. and C. R. Brown sec'y and treas. Mr. Brown was formerly general mgr. and part owner of the elvtr. of Willey, Brown & Co. at Ross.

Ada, O.—A scoop shoveler is operating at this point. The regular dealer is the Ada Grain Co., J. D. Jenkins, mgr.

Cleveland, O.—The Grain & Hay Exchange was organized by the Cleveland Chamber of Commerce on June 15. Officers are C. G. Watkins, pres.; H. W. Robinson, vice-pres.; F. W. Blazy, treas.; and L. B. Dunham, sec'y.

Marietta, O.—Our incorporation, recently reported, is to take over the business of the American Hay & Grain Co., a partnership. No change will be made in the personnel of the company or the character of the business.—American Hay & Grain Co.

Loudonville, O.—The Loudonville Mill & Grain Co. has filed suit against Booth & Edwards, Newcomerstown, O., for \$160, alleging that it was damaged to that extent by failure of the firm to deliver wheat contracted for at \$1.30 per bu. last January.

Cincinnati, O.—The fire at our elvtr. June 7 was caused by an electric feed wire entering the building. The electric switch shows it was pulled, but probably on account of an overcharge of electricity or crossed wires started the fire right at the entrance. Fortunately on account of prices declining, we did not carry the usually large stock that we do. We think that our stock will not run over \$20,000 to \$25,000, and damage to the building about the same, fully covered by insurance. We will more than likely rebuild at the same place.—A. L. Heile, pres. Cincinnati Grain Co.

Fostoria, O.—We will not in future buy or sell grain and our transfer elvtr. will be operated as a public house, where shippers can have their grain handled in transit at a stated schedule of prices for the various services performed. The elvtr. is located on the N. Y. C. & St. L. tracks, but is accessible from any of the other four railroads. Official weights and inspection will be furnished on grain handled at Fostoria, putting that market on a parity with Cleveland, Toledo, Indianapolis or any of the interior markets. The inspection will be under the supervision of the Fostoria Chamber of Commerce and will be in charge of competent inspectors. The weights will be furnished by the Joint Rate Inspection & Weighing Bureau of Chicago, Ill., which has a sworn weighmaster at the elvtr. The officers of the company are: A. T. Ward, Townsend-Ward Co., Buffalo, N. Y., pres.; L. R. Good, Bloomdale, vice-pres.; Geo. W. Bartlett, Churchill Grain & Seed Co., Buffalo, N. Y., sec'y-treas., and W. E. Townsend, Townsend-Ward Co., Buffalo, N. Y., mgr. The headquarters of the company will be in the Chamber of Commerce Bldg., Buffalo, N. Y.—Fostoria Grain Co.

OKLAHOMA

Perry, Okla.—An addition is being built to the Red Star Elvtr.

Frederick, Okla.—Huffine & Co. are building an 8,000-bu. elvtr. on the Frisco.

Blackwell, Okla.—I am no longer in the grain business at this point.—Wm. Truitt.

Medford, Okla.—Falkenburg & Co. of this town will install a No. 8 Boss Car Loader.

Gate, Okla.—The recently incorporated Gate Mercantile & Grain Co. has bot the Sappington Elvtr.

Capron, Okla.—The new 20,000-bu. elvtr. under construction for W. J. Cameron is almost completed.

Stigler, Okla.—The erection of an elvtr. is again being discussed by the Commercial Club at this station.

Texhoma, Okla.—We are now engaged in the grain business at this point.—McFarland-Smith Grain Co.

Lamont, Okla.—A new elvtr. will be built by the Blackwell Mill & Elvtr. Co. to replace the house recently razed.

Miami, Okla.—New machinery has been installed in the plant and new office of the Miami Flour & Feed Co. opened.

Tulsa, Okla.—Thirty grain dealers of this state held a meeting June 15 and discussed plans for handling the large wheat crop.

Cherokee, Okla.—We have repainted our elvtr. and made necessary improvements.—F. A. Hague, mgr. Farmers Federation.

Aiva, Okla.—Lightning on June 9 struck the flag pole on our elvtr. causing a small damage of not more than \$25.—Crowell Bros.

Jet, Okla.—S. R. Overton, of Wichita, Kan., has purchased the elvtr. of J. K. Bishop. He will buy several other houses before fall.

Yukon, Okla.—A large concrete smoke stack is being built and a new boiler installed in the plant of the Yukon Mill & Elvtr. Co.

Maysville, Okla.—The Maysville Elvtr. Co., which is building an elvtr., is composed of B. C. Elliott, A. J. Shirley and G. H. Hope.

Oktaha, Okla.—We are operating the elvtr. which we bot from the Rea-Patterson Mlg. Co. a few weeks ago.—D. Head & Son, Durant.

Maysville, Okla.—A scoopier is operating at this station at present. The regular dealers are Floyd Cooper, Keel & Son, and Maysville Elvtr. Co.

Chickasha, Okla.—Work is being pushed on the 100,000-bu. addition to the elvtr. of the Chickasha Mlg. Co. which is to be completed by July 1.

Cordell, Okla.—The Baker Gln & Grain Co. is erecting a grain elvtr. on the site of the old Cordell Flouring Mill. The elvtr. will have a capacity of 8,000 bus.

Vinita, Okla.—Work has been started on the new elvtr. of the R. H. Drennan Grain Co. It will have 5 bins with a total capacity of from 10,000 to 13,000 bus.

Carbon, Okla.—An addition is being erected to the elvtr. of the Farmers Grain & Coal Co., an automatic scale, rope drive, new belt, cups and a manlift installed.

Bushyhead, Okla.—We are building a 6,500-bu. elvtr. which we will operate as the F. G. Goodman Elvtr. when completed July 1.—F. G. Goodman, Bushyhead Lbr. Co.

Skiatook, Okla.—We have overhauled the Midland Valley Elvtr. and are operating it. We are the only ones actively engaged in the grain business here.—Greenwood & Blaine.

Bartlesville, Okla.—We are thinking of building an elvtr. at this station and have definite plans regarding it soon.—J. W. Gorsuch, mgr. Joplin Com's'n Co., Joplin, Mo.

Lawton, Okla.—Alex Walker and P. N. Clark, of Lancaster, Ky., have purchased the property of the Lawton Mill & Elvtr. Co. from N. R. Robertson and will remodel and operate it.

Lahoma, Okla.—The Lahoma Grain Co., which succeeds the Lahoma Grain & L. S. Co., has been incorporated with a capital stock of \$5,000, by John Courter, M. Goodnature and A. J. Peters.

Checotah, Okla.—We will rebuild an up-to-date elvtr. at once to replace our large granary and warehouse which were blown down recently by a tornado.—W. M. Staley, Checotah Mill & Elvtr. Co.

Seminole, Okla.—Material is on the ground for an elvtr. to be built for a local company, consisting of H. A. Dolen, E. S. Billington, Frank and J. Van Buskirk. The house, which will be equipped with latest cleaners and automatic scales, will be ready to handle the new crop.

Oklahoma City, Okla.—The following have recently been admitted to membership in the Oklahoma Grain Dealers Ass'n: Hoyt Grain Co., Custer City; J. S. Barclay, Tonkawa; Clark-White Grain & Produce Co., Enid; J. D. Hall, Hammon; G. C. Rhodes Grain Co., Hopeton; Wilcox & Son, Tulsa; Arthur & McCune, Tulsa; Lipscomb Grain & Seed Co., and Cox Bros. Milling Co., Afton; O. D. Snyder, Pryor; Page Bros., Hominy, and Samuel Plummer, Broken Arrow.—C. F. Prouty, sec'y.

Stecker, Okla.—We have just completed an 18x28x20 ft. cob house covered with corrugated iron, adjoining our elvtr. and have installed a Weller Worm Gear Wagon Dump and made other improvements.—J. M. Giddings & Co.

Daley, Okla.—We have bot the elvtr. of J. F. Hunzinger, prop. of the Daley Elvtr. Co., which we have painted and generally overhauled, installing a 10-h.p. gas engine. N. W. Shafer and J. B. Mills will manage the elvtrs. this year.—F. A. Hague, mgr. Farmers Federation, Cherokee.

Lawton, Okla.—I am now connected with the Lawton Grain Co., a new corporation organized about a year ago. We handled nearly 1,000,000 bus. of grain last year and expect to do better this year. On May 13 in the district court at Enid, Frank E. and Flora E. Humphreys were released from payment of note for \$6,000 secured by mortgage on land in Garfield county, defendants having proved that the First National Bank of Lawton had not carried out contract under which mortgage on land was given. The costs of the suit were also assessed against the bank and another note given at the same time on same contract for \$4,000 is also affected by the decision.—F. E. Humphreys.

OREGON

Hillsboro, Ore.—C. E. Buchanan & Co. are erecting a new elvtr. and feed mill, and have ordered new grain cleaning and milling machinery.

Portland, Ore.—The Pacific Elvtr. & Mlg. Co., which intended to buy the property and water front of the Wasco Whse. & Mlg. Co. at this city, decided not to close the deal, and I believe the water front has been purchased by the city.—A. E. Allen.

Astoria, Ore.—The Port of Astoria has under consideration the building of an elvtr. for handling and grading grain for export. Plans are being prepared for the elvtr. and machinery, and after estimate is completed construction will be authorized.—F. J. Walsh, chief engineer, Port Commissioners.

PENNSYLVANIA

Philadelphia, Pa.—The Rosekranz-Snyder Co. has moved into larger offices in the Bourse Bldg.

Philadelphia, Pa.—Antonio Sans, formerly pres. of the Commercial Exchange, is recovering from a recent illness.

Philadelphia, Pa.—The Penn. Ry. Co., thru its subsidiary, the Girard Point Storage Co., has authorized the construction of additional storage bins to increase the capacity of the recently completed elvtr. to over 2,000,000 bus. Capacity at present is 1,100,000 bus. The addition will be located at Girard Point at the junction of the Delaware and Schuylkill Rivers.—W. R. Young, mgr. Girard Point Storage Co.

Middletown, Pa.—S. C. Brinser, manufacturer of an old and well known brand of corn meal has been given judgment against H. R. Brinser, H. W. Rausman and A. L. Foltz, trading as the Brinser Milling & Feed Co., restraining them from the use of the name Brinser in any shape or form, or from marketing corn meal bearing the name Brinser, or using the name as a part of the name of their company. Mr. Brinser started his business 35 years ago and had built up a business amounting to 20,000 bus. a year when the defendants sought to take advantage of the reputation he had built up.

PITTSBURGH LETTER.

R. W. Young has been admitted to membership in the Grain & Hay Exchange.

Oscar Alexander, ass't supt. of the Grain & Hay Exchange, is again on duty, having recovered from a recent illness.

Considerable delay is experienced here by failure of shippers to note on Bs/L manifests and card way bills "Inspection permitted." Railroads are enforcing the order B/L clause.—H.

W. R. Hill, for many years a grain merchant of this city, died at Knoxville, Pa., June 7, at the age of 76 years. Mr. Hill had made his home in Knoxville for the last 9 years and had retired from active business life. He is survived by his widow, 4 daughters and one son.

C. G. Burson, traffic mgr. of the Grain & Hay Exchange, has issued a bulletin on the Monongahela Connecting Ry. reconsignments. He says: "I have been advised by the Pa., C. C. C. & St. L., B. & O., and P. & L. E. Rys. that such deliveries will be construed as being within the Pittsburgh switching limits and no charge will be assessed for reconsignment of cars of grain, hay, etc., from the various yards to deliveries in the Monongahela Connecting R. R."—H.

D. V. Heck was elected pres. of the Pittsburgh Grain & Hay Exchange at the annual meeting June 10. James McCune was elected vice-pres.; W. A. McCaffrey, treas., and John Floyd, sec'y. These officers, with Samuel Walton, Joseph C. Moore and A. J. Gosser, compose the board of managers. C. G. Burson is supt. and traffic mgr., and Oscar Alexander is ass't supt. During the year ended May 31 the exchange handled 15,251 cars; 7,449 cars of hay, 3,868 cars of oats, 2,290 cars of corn, 750 cars of feed, 575 cars of straw and 319 cars of miscellaneous commodities.—H.

SOUTH DAKOTA

Colton, S. D.—The Merchants Elvtr. Co. has bot the elvtr. of W. Z. Sharp.

Harrisburg, S. D.—The elvtr. of the Farmers Elvtr. & Supply Co. is undergoing needed repairs.

Raymond, S. D.—We have no intention of reorganizing. A. C. Ruddy is mgr.—The Farmers Elvtr. Co.

Fedora, S. D.—W. I. Thompson has purchased and is now operating the W. Z. Sharp elvtr. at this town.

Amherst, S. D.—We are going to install a new grain cleaner.—W. L. Pennell, mgr. Farmers Co-op. Grain Co.

Madison, S. D.—F. M. McCord & Son have purchased the W. Z. Sharp elvtr. at this place.—H. T. McCord.

Egan, S. D.—I purchased the elvtr. of W. Z. Sharp at this town June 10 and am now ready for business.—J. H. Glow.

Faulton, S. D.—The Farmers Elvtr. Co. will meet June 26 to decide whether or not it will build an elvtr. this year.

Lyons, S. D.—The elvtr. of W. Z. Sharp has been purchased by the Merchants Elvtr. Co. of Minneapolis, Minn.

Harrisburg, S. D.—We are building an addition to our coal sheds.—W. W. Thorpe, mgr. Farmers Elvtr. & Supply Co.

Hurley, S. D.—J. J. N. Waltner has just had constructed a modern grain elvtr. on his farm. Younglove Const. Co. did the work.

Wessington Springs, S. D., June 12.—Small grain fine as silk; corn slow but could make still.—W. O. Kingery, mgr. Will, Olson Co.

Warner, S. D.—I have in construction a 20,000-bu. capacity elvtr. which will be ready for the new crop. I will operate it.—H. A. Rehfeld.

Ferney, S. D.—We have completed the painting of our elvtrs. at Ferney, Groten, James and Stratford.—W. L. Cook, treas. Ferney Farmers Co-operative Elvtr. Co.

Winfred, S. D.—We have purchased and will operate the elvtr. of W. Z. Sharp here and at Lyons, Colton and Madison, S. D.—Merchants Elvtr. Co., Minneapolis, Minn.

Aberdeen, S. D.—H. H. Sands, for 6 years local agent of the Pacific Elvtr. Co., has tendered his resignation. He will be succeeded by A. Kaiser of Minneapolis, Minn.

Timberlake, S. D.—We have recently organized the Farmers Co-op. Co. at this place and will ship grain in car lots. We will buy or construct an elvtr. in the near future.—G. E. Moore, sec'y.

Winship (via Ellendale, N. D.), S. D.—H. L. Cooper, who is reported as taking over the elvtr. of the South Dakota Grain Co. at this place, says there is nothing positive about the deal.—R. H. Pylman.

Castlewood, S. D.—I have resigned as mgr. of the Dakota Farmers Elvtr. Co. of Phelps (Kingsbury p. o.), S. D.; to take the position of mgr. for the Farmers elvtr. here, succeeding H. B. Erickson.—J. E. Davis.

Aberdeen, S. D.—L. H. Trask, father of A. H. Trask, the local mgr. of the McCaull-Dinsmore Grain Co., was injured on June 16 and much damage done to the Trask property at Highmore, by a wind and rain storm.

Plankinton, S. D.—Carl Furchner has bot the old Reliance Elvtr. at this place, wrecking it together with his own. He is now building a modern 35,000-bu. elvtr. on the site of his old plant.—Geo. H. Barber, mgr. Farmers Elvtr. Co.

Armour, S. D.—P. R. Judge, who asked the State Railway Commission to compel the St. Paul Ry. to grant him an elvtr. site on its right of way here, has been informed by the commission that there is no need for another elvtr. at this point. It was found that one elvtr. has been idle for several years, while another was recently torn down and moved away, for lack of business. Another slap in the face for the barn builder who distorts the facts to make his victim believe there is "always room for one more."

SOUTHEAST

Talladega, Ala.—Work on the new elvtr. has been completed.

Wetumpka, Ala.—The new 15,000-bu. elvtr. of the farmers at this place shipped its first carload of oats on June 6. E. R. Jamison is mgr.

Atlanta, Ga.—Since the death of J. H. Everett, Sr., we have decided to incorporate the Everett Seed Co., a subsidiary of J. H. Everett & Son. The grain end of the business will be conducted as in the past.—F. C. Everett.

TENNESSEE

Memphis, Tenn.—Fire damaged the elvtr. of G. E. Patteson & Co. to the extent of \$50 on June 4.

TEXAS

Dallas, Tex.—The Dallas Grain & Seed Co. is not out of business as has been reported.

Quanah, Tex.—The Quanah Mill & Elvtr. Co. has purchased a Hall Signalling Distributor.

Hale Center, Tex.—I have no intention of quitting the firm of Quisenberry & Sanders.—A. F. Quisenberry.

Pharr, Tex.—George E. Thomas will be mgr. of the new elvtr. and mill now being built at this station.

Glazier, Tex.—J. F. Johnson, pres., Glazier Mill & Elvtr. Co., is installing a complete Hall Distributing System in the new elvtr.

Amarillo, Tex.—We do not intend building at Rock Island, N. M., and never contemplated such action.—Panhandle Grain & Elvtr. Co.

Vernon, Tex.—The tanks which we are constructing at this place for the Kell Mig. Co. have a capacity of 137,000 bus.—B. J. Carrico.

Wildorado, Tex.—The Wildorado Elvtr. Co., a farmers' organization, is building an elvtr. here.—Panhandle Grain & Elvtr. Co., Amarillo, Tex.

Brownwood, Tex.—H. H. Sigman & Co. have leased the elvtr. of the Brownwood Mill & Elvtr. Co. at this place and will install new electric dynamos.

Jacksonville, Tex.—Our plant at present has a capacity of 25,000 bus., but we expect to do some enlarging very soon.—Jacksonville Grain & Com. Co.

Lancaster, Tex.—The Doggett Grain Co., of Dallas, has bot the Lancaster Mill, which was partly burned some time ago. It will be remodeled into an up-to-date elvtr.

Farwell, Tex.—This station is becoming an important grain buying point. Several hundred cars have recently been marketed of wheat, kafir, milo maize and Indian corn.

Waxahachie, Tex.—The business conducted by the Modern Mig. Co. and the Waxahachie Grain Co. at this place has been discontinued.—J. W. Brodhead, Brodhead & Chapman.

Texarkana, Tex.—The Clark-Lynn Grain Co. has just purchased a valuable piece of ground here upon which a modern grain and milling plant will be constructed of concrete and brick.

Wetover, Tex.—The Graham Mill & Elvtr. Co., headquarters Graham, Tex., is installing a gasoline engine in its plant here and will also put in a chute to load grain from wagons to car.—S.

Sanger, Tex.—The new mill at this place is being built by C. S. Henderson and J. B. Wiley of Sanger, both grain elvtr. operators. The new plant will be in operation Sept. 1. Main office Daingerfield, Tex.—J. B. Wiley.

Galveston, Tex.—The Southern Pacific Elvtr. here was given its official test on June 12, 10 cars of wheat being run thru the plant to satisfy the builders, James Stewart & Co., that it was in satisfactory working condition.

Denison, Tex.—The Denison Mill & Grain Co., headquarters at this place, has not given up its elvtr. at Roff, Okla. We closed the station early in the year owing to lack of grain movement, but expect to open again at harvest time.—Denison Mill & Grain Co.

Beaumont, Tex.—The Tyrrell Rice Mig. & Elvtr. Co. is constructing a modern rice handling plant here to be ready for the coming harvest. The company has also acquired the buildings and 12 blocks of ground formerly occupied by a manufacturing company.

Galveston, Tex.—Shippers of grain to this market having expressed a desire for official weights the commercial interests and railroad companies here may establish a weighing department, probably under the control of the Galveston Board of Trade, as is the grain inspection.

Austin, Tex.—Warehouse Commissioner Weinert reports it may become necessary for the state to lease warehouses for the storage of farmers' wheat. The farmer now must sell his wheat when harvested as he has no storage facilities and it is this condition which caused the decline last year in the value of cotton.

Van Alstyne, Tex.—The Taylor Grain Co. has been incorporated; capital stock, \$10,000; officers, Spencer Taylor, pres. and mgr.; Creed Taylor, sec'y-treas., and L. Umphress, vice-pres. The company has bot the elvtr. of the Grayson Mill & Grain Co. Spencer Taylor formerly operated the Spencer Taylor Grain Co. here.

Amarillo, Tex.—Local grain shippers called a meeting on June 15, of Panhandle shippers to organize an ass'n, and 53 responded to the first call. The Amarillo dealers served a banquet at the Harvey House, after which they went into organization of the Panhandle Grain Dealers Ass'n, with the following temporary officers: Tom F. Connally, Clarendon, Tex., pres.; L. F. Cobb, Plainview, 1st vice-pres.; Fred Smeyer, Miami, 2nd vice-pres.; Allen Early, Amarillo, sec'y-treas.—Early Grain & Elvtr. Co.

FORT WORTH LETTER.

M. M. Pittman, of Cleburne, is now an associate member of the Grain and Cotton Exchange.

The Burrus Mill & Elvtr. Co. has let contract for two 800-bbl. mills and a 500-bbl. cornmeal plant.

We have discontinued our office in this city.—H. C. Gamage, treas. Moore-Seaver Grain Co., Kansas City, Mo.

Marvin Rall, sec'y-treas. of the E. G. Rall Grain Co., was married June 9 to Miss Olive R. Boaz. They have gone to California on their honeymoon and will return July 15.

The grain elvtr. of E. R. & D. C. Kolp was destroyed by fire on June 15, the loss being estimated at \$40,000, fully covered by insurance. The fire is thought to have been caused by lightning.

The Fort Worth Grain & Elvtr. Co. has been consolidated with our company. Our new 60x100 ft. addition, which more than doubles our wareroom capacity, is about completed.—A. B. Crouch Grain Co.

We have obtained possession of the fire-proof concrete elvtr. formerly owned and operated by Werner Wilkins Grain Co., and will operate it for public storage, handling and cleaning, as well as for our own use. The plant has modern machinery, including a wheat and oat separator.—R. T. Dorsey, Dorsey Grain Co.

A contract between grain firms for the purchase of grain, made over long distance telephone, must be confirmed by letter afterward in order to be binding, according to a decision of the court of civil appeals at this city in the suit of the Denison Mill & Elvtr. Co. against the Walker Grain Co. The Denison company contended that it did not receive the quality ordered and refused payment because there had been no confirmation of the telephone order.

UTAH

Ogden, Utah.—The Inland Grain Co. will spend \$1,500 on repairs on the old Lemp Warehouse.

Provo, Utah.—We have awarded contract for a 50,000-bu. capacity concrete elvtr. for our Tintic Junction plant to be completed Aug. 15.—Union Grain & Elvtr. Co.

Provo, Utah.—The Union Grain & Electric Co. incorporated to buy, sell and store grain; capital, \$50,000; officers, J. W. Knight and R. E. Allen, sec'y-treas.

Eureka, Utah.—J. W. Knight and others have organized an elvtr. company at this place and will construct a plant on the Knight dry farm, at a cost of approximately \$15,000.

Salt Lake City, Utah.—Charles H. Miller, 49 years of age, who had been in the grain business here for 13 years, was found drowned in a river at Ogden. He failed in business Mar. 24 and left the city, saying he was going to Mexico to begin over again.

WASHINGTON

Dayton, Wash.—The Whetstone-Turner Warehouse Co. is planning the erection of a new 200 ft. warehouse for grain.

Palouse, Wash.—Fred L. Taft and C. W. McFarland, who recently engaged in the grain business as McFarland & Taft, have purchased a building for an office and stockroom.

Olympia, Wash.—Report of the State Public Service Com'n covering grain shows total receipts from the Inspection Dep't of \$1,641.06, of which amount \$583.90 was received from Tacoma.

Irby, Wash.—Foreclosure was authorized on the Spangle & Davenport Elvtrs. and Warehouse with all machinery and fixtures, when judgment was given the Traders National Bank against E. W. Swanson and wife for \$10,000 on promissory notes.

Spokane, Wash.—No settlement has been agreed upon in the suit of the Eagle Macaroni Co. of this city vs. the F. M. Martin Grain & Mig. Co., of Cheney. The jury found for the grain company, but the judge believes the macaroni company was damaged by the failure of the former to deliver.

WISCONSIN

Beaver Dam, Wis.—James Peachey has purchased the grain elvtr. at Beaver Dam Junction.

Madison, Wis.—The Bennett Bill, exempting the incomes of co-operative ass'ns from the income tax, has been advanced by the legislature.

Osceola, Wis.—A. H. Molander of St. Paul, Minn., is temporarily running the Osceola Mill & Elvtr. Co., at this place, F. H. Sloan being on his vacation.

Huron, Wis.—Construction work has started on the new grain elvtr. of Erickson Bros. The plant will be in charge of Sam Erickson when completed.

Stevens Point, Wis.—We are building a feed warehouse at this point, doing the work ourselves. Dimensions 100x24 feet, frame and iron clad construction.—Jackson Mfg. Co.

Vaushara (Berlin p. o.), Wis.—The Durham Lbr. Co. has commenced work on its new elvtr. at this place. The plant will be 30x30x40 feet and will be ready to handle this year's crop.

Oconto, Wis.—R. X. Raymond has taken over the business of the Cereal Mills Co., formerly conducted at this place by the H. E. McEachron Co., effective June 11.

Two Rivers, Wis.—The Two Rivers Merc. Co. has started work on its new elvtr. and warehouse in this city. The building will be 152x30 feet and the elvtr. 30x30 feet and 70 feet high. Foundation will be of concrete and buildings of wood covered with sheet iron.

Madison, Wis.—Owners of goods in store bringing suit against warehousemen for selling their goods without strictly complying with the law must bring suit within a year of the sale or forfeit their rights, under the law just enacted and effective June 12 as an addition to section 1634M-35 of the Wisconsin statutes.

Madison, Wis.—The Budlong bill for placing the filing time on messages, as passed, and effective June 14, reads: Every person, firm or corporation operating a telegraph line or lines in this state shall without extra charge therefor, cause to be written, stamped or printed in a conspicuous place upon the addressee's copy of each telegram originating at and destined to a point within this state, the hour and minute of the day in which the copy of such telegram was filed or left with such person, firm or corporation for transmission and the hour and minute of the day when such telegram was received in the office of such person, firm or corporation at its destination.

Madison, Wis.—Every grain elvtr. operator in Wisconsin is required to pay a tax of 1-40 or 1-80th cent per bushel on all grain handled, under the amended Hedding law, effective June 12, as follows: Every person, copartnership, ass'n, company or corporation operating a grain elvtr. or warehouse in this state, except elvtrs. and warehouses on farms for the storage of grain raised by the owner thereof, shall on or before Dec. 15 of each year pay an annual occupation tax of a sum equal to one-quarter of one mill per bushel upon all wheat and flax and one-eighth of one mill per bushel upon all other grain received in or handled by such elvtr. or warehouse during the preceding year ending April 30th; and such grain shall be exempt from all taxation, either state or municipal. Every such person, copartnership, ass'n, company or corporation, operating a grain elvtr. or warehouse within the state except elvtrs. and warehouses on farms for the storage of grain raised by the owner thereof, shall on May 1 of each year furnish to the assessor of the town, city or village within which such grain elvtr. or warehouse is situated, a full and true list or statement of all grain specifying the respective amounts and different kinds thereof received in or handled by such elvtr. or warehouse during the year immediately preceding May 1 of such year in which such list or statement is so to be made. Any such operator of an elvtr. or warehouse who shall fail or refuse to furnish

such list or statement or who shall knowingly make or furnish a false or incorrect list or statement, shall be punished by a fine not exceeding \$1,000.

MILWAUKEE LETTER.

Albert C. Elser has been elected to membership in the Chamber of Commerce.

The Horlick Maltot Biscuit Co. is establishing an up-to-date plant in this city.

The capital stock of the Donahue-Stratton Co. has been increased from \$50,000 to \$100,000.

Elvtr. E is again in operation, following the fire in the power house last April. Elvtr. A will have a new power plant installed during July.

The C. & N. W. Ry. has awarded the contract for the foundation of the new elvtr. in the Kinnickinnic basin. More than 4,000 piles, each 60 ft. long, will be used.

Grain trimmers here have formed a branch of the International Longshoremen's Ass'n and will attempt to contract for the trimming of all large boats loading grain at Milwaukee.

The Degentesh-Richardson Co. has been incorporated, with a capital stock of \$60,000 by Wm. Degentesh, pres., Charles E. Richardson, vice-pres. and George Degentesh, sec'y-treas. The new company, which succeeded Degentesh Bros., will build a 20,000-bu. elvtr.

The new elvtr. of the C. & N. W. Ry. Co. will be started with the erection of a working house capable of handling 2,500,000 bus., altho the storage will not at once be made to exceed 1,000,000 bus. Construction will be of such a character that additional units may be installed as necessity requires, up to a maximum capacity of 2,500,000 bus.

Suit for \$3,170 was brot by the National Exchange Bank against the C. M. & St. P. R. R. on account of the recent bankruptcy of Charles F. Glavin, grain dealer. The bank alleges that Mr. Glavin on Apr. 9 deposited a draft for \$3,000 on the Beach-Wickham Grain Co. of Chicago, secured these BS/L and then drew checks amounting to about \$3,000. The bank claims that the Beach-Wickham Grain Co. refused to honor the draft after the failure of Glavin.

C. & N.-W. Ry. Co. has issued the following notice: On shipments of flaxseed, millet seed, grain and grain products, the C. & N. W. Ry. will absorb switching charges of connecting lines at Milwaukee, as per their published tariffs, which are lawfully on file with the Interstate Commerce Commission, when the shipments terminate at Milwaukee or are reforwarded on basis of reshipping or local rates from Milwaukee to other destinations. The above applies only on shipments made from points of origin on or after July 17, 1915. This absorption rule is subject to the following condition: On interstate shipments coming from points on the C. & N. W. or C. St. P. M. & O. Rys., the total freight charges must not be less than \$15 per car after deducting connecting line switching charges; on interstate shipments coming from points on other lines, the total freight charges must not be less than \$25 per car after deducting connecting line switching charges.

WYOMING

Burns, Wyo.—We have purchased the elvtr. of the Overland Cereals Co.—T. D. Phelps, mgr. Farmers Grain Co., Denver, Colo.

RAT-PROOF feed boxes and other small bins are being built successfully of ordinary lumber, raised from the ground or floor of an elevator by 2"x8" boards, holding the bins high enough to permit cats to walk underneath. A rat will not gnaw unless he is down on all four feet and never tries to gnaw downward thru the top. Building bins in this way costs very little more than having the bottom flush with the floor.

Grain Carriers

THE NAT'L COUNCIL of Farmers Co-operative Ass'ns has complained to the Interstate Commerce Com's'n against the proposed advance in grain rates in the west.—P.

FOREIGN-BUILT VESSELS admitted to American registry since enforcement of the act of Aug. 18, 1914, numbered 150 with gross tonnage of 528,913 on June 19, 1915.

INTERSTATE COMMERCE COM'S'N has suspended the proposed increased grain rates of the A. T. & S. F. Ry., in western classification territory, until Sep. 30, pending investigation.

THE WARRIOR RIVER is to be made navigable by shippers of Tuscaloosa, Ala., providing direct water transportation to New Orleans or to northwestern points by the Mississippi River.

THE TEXAS RAILWAY Co. has filed suit against the Owensboro Grain Co., Owensboro, Ky., alleging that \$1,120.78 is due as a balance on the transportation of 147 carloads of oats and corn.

SOUTH CAROLINA'S milling-in-transit grain rates became effective June 10, farmers now being granted the cleaning and milling privilege not to exceed 6 months stop for the thru rate, plus 20%.

THE CAVERS STURTEVANT Co., Omaha, has complained to the Interstate Commerce Com's'n against overcharges of the C. & N. W. and C. B. & Q. Rys., on grain from Wyoming, and asks for \$50 refund.—P.

A LARGE CANAL BOAT with a full cargo of barley for New York, sprung a leak June 19 at Troy, N. Y., and sank within a few minutes. The boat is being raised and half the cargo is expected to be salvaged.

INTERSTATE COMMERCE COM'S'N has announced hearings to begin at Chicago, July 19, covering proposed changes in rules and practices relating to general transit rules on grain and milling of grain in transit.

THE WABASH RY. has amended its rule covering overloaded cars to provide a charge of 10% for transferring the grain to a car of greater capacity. Maximum weight remains at 10% above marked capacity of cars.

TOTAL SURPLUS of freight cars on June 1, 1915, was 295,295, compared with 292,269 on May 1, 1915, and 242,572 on June 1, 1914. Of the May 1, 1915, surplus box cars made up 123,436. Total box car shortage was 55.

HEARING of the Interstate Commerce Com's'n, scheduled for June 16 at Milwaukee, relating to proposed increased rates on grain via lake-and-rail routes to eastern points, has been postponed, date to be fixed later.

MEMPHIS GRAIN DEALERS are planning to file a protest with the Interstate Commerce Com's'n against recent tariffs of 13 southeastern carriers, alleging rates are discriminatory against Memphis in favor of Cairo, Ill.

INTERSTATE COMMERCE COM'S'N has authorized the Southern and Central Pacific Rys. to operate boats on the Sacramento River and connecting waters, and on June 10 held that cars, whether owned or leased by carriers, must be distributed indiscriminately.

DAZEY-MOORE GRAIN CO., Ft. Worth, Tex., is prohibited by a temporary restraining order from further prosecuting suits for small amounts for alleged damages to grain shipments over the International & N. N. Ry.

STEAMER STEEL CITY, operating on the Mississippi River from La Salle to New Orleans, has revised her tariffs to a basis 20% under class and commodity rail rates and is absorbing insurance, terminal charges and drayage.

INTERSTATE COMMERCE COM'S'N has suspended to September the proposed new rates on grain from Chicago to eastern seaboard points, and the lake-and-rail rates on grain and seeds from Minneapolis to Buffalo and other destinations.—P.

THE FIRST STEEL barge to navigate the Cumberland River was towed into Nashville, Tenn., May 31 with 800,000 lbs. of grain, which is said to be the largest single shipment received by water. The grain merchants of Nashville in the last few years are making increased use of the water route.

THE O. W. R. & N. Ry. has announced a rate of 50c per 100 lbs. on grain from Washington to Chicago or St. Louis territory, compared with the present rate of 57½c, based on 80,000 lbs. minimum. New tariffs will be published as soon as permission is received from the Interstate Commerce Com's'n.

IN THE NASHVILLE grain reshipping problem now pending before the Interstate Commerce Com's'n at Washington, the long and short haul feature was introduced on June 11. By the presence of the Cumberland River the railroad interests say that reshipping has been forced upon them to meet competition.

PUBLIC UTILITIES COM'S'N of Missouri began its hearing on June 9 at Jefferson City to determine if the railways of the state are entitled to the proposed increased rates. Before submitting its final finding the com's'n will wait until the supreme court decides whether or not it has jurisdiction over rate increases.

JOINT CLASS FREIGHT RATES from Iowa points to Kansas City have been found unreasonable by the Interstate Commerce Com's'n in that they exceeded the total of the intermediate local rates. The Com's'n has denied the Kansas City Board of Trade reparation, however, finding that it was not an immediately affected party.

ELEVEN of the largest express companies of the country have pointed out to the Interstate Commerce Com's'n that the revenues of the companies have decreased \$13,680,810 tho the business has increased by over 2,000,000 shipments. During 1915 the companies have handled 193,870,891 shipments, compared with 191,644,981 in 1914.

PUBLIC UTILITIES COM'S'N of New York has refused to allow carriers to cancel the regulation under which they supply temporary doors or bulkheads for grain and produce cars, finding that where shippers are required to supply this equipment it is a total loss to them while the railroads can recover it for future use at a small cost.

MILWAUKEE Chamber of Commerce has filed a protest with the government engineers at Washington regarding the depth of the 4th lock at the Soo Canal. The government proposes a depth of 24½ feet, while shipping interests of Milwaukee and elsewhere insist that it should equal the depth of the new Canadian Welland Canal, or 30 feet.

ILLINOIS SHIPPERS and railroad representatives met at Chicago on June 11 to agree upon rate schedules and changes to be submitted for the approval of the Illinois Public Utilities Com's'n. The items revised were those prescribing different rates for the same commodity but depending upon the degree of liability of the road in case of loss or damage.

SOUTH DAKOTA Board of Railroad Com's'ners has complain to the Interstate Commerce Com's'n of the increased rates on grain in that state declaring the present rates are higher than those in contiguous states and give a good revenue. The rates involved are from South Dakota to Iowa, Illinois, Missouri, Kansas and Minnesota.—P.

BRIEF has been filed with the Interstate Commerce Com's'n by the Buffalo Chamber of Commerce, the Corn Exchange of Buffalo, the Penn. State Millers Ass'n and the New York State Millers Ass'n, alleging the domestic and export proportional ex-lake rates on grain are unreasonable, and asking that Buffalo be given a rate 57% of the Chicago-New York rate.—P.

NO RULE or regulation has been adopted by the carriers or government requiring shippers to place a stated valuation on Bs/L except where freight rates are based on valuation of the shipment. As this is not the case with shipments of grain shippers should be requested not to place any valuation on Bs/L or shipping receipts.—Geo. W. Schroeder, mgr., Milwaukee Chamber of Commerce.

COM'ITES of the Central Freight Ass'n and the St. Louis Merchant's Exchange held a meeting in Chicago June 10 at which the matter of Missouri exports was discussed. Heretofore St. Louis has been unable to handle Missouri grain for export from Atlantic ports as eastern carriers have demanded 4c per 100 lbs. higher rate on Missouri shipments than on those from other western states. Relief was promised at the Chicago meeting, and tariffs are being prepared.

REFUNDS of freight charges on grain have been ordered by the Interstate Commerce Com's'n as follows: C. B. & Q., \$16 to Pittsburgh Elvtr. Co., corn, Farley to Kansas City, Mo.; St. L. & S. F., \$5.50 to Cape Co. Milling Co., corn, Terry, Mo., to Des Arc, Ark.; P. & R., \$8 to E. Datesman, corn, Pa. to Mass.; C. B. & Q., \$14 to Goemann Grain Co., Mansfield, O., rye, Wis. to Ky.; Colo. & S. W., \$71, to Sam Hadad, oats, N. M. to Colo.; I. C., \$66, to Flanley Grain Co., Omaha, corn, between Ia. points; C. M. & St. P., \$53, to Magill & Co., wheat, Fargo, N. D., to Wautauga, S. D.; U. P., \$9, to F. C. Ayres Co., Denver, Colo., oats, Ida. to Wyo.—P.

INTERSTATE COMMERCE COM'S'N has found that the C. M. & St. P. Ry.'s joint class rates on coarse grain to Kansas City, Mo., in carloads, which exceeded the aggregate of intermediate commodity rates contemporaneously in effect were unreasonable and unlawful. The complaint was filed by the Kansas City Board of Trade, and the Com's'n found further that "the making of awards to the injury or damage sustained is confined to those who are the real and substantial parties at interest. Reparation denied. Applications for relief for violations of the fourth section, which have since been cured, are denied and the waiver of the collection of certain undercharges authorized."

Wet Harvests

(WHEAT and OATS)

Late Planting Delayed Cultivating Re-Planting

(CORN)

Wet and cool weather
through May and June—
All this means

More

Hess Driers

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Out-Door Conditioners

These Hess "life savers" are supplied in various sizes and capacities, to meet the largest or the smallest requirements. We have a large supply on hand and can serve you with surprising promptness.

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Write—wire—telephone—our response
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Supreme Court Decisions

Custom of Market Binding.—A principal who deals in a market must be presumed to deal according to the custom of that market, thus making that custom a part of his contract.—*Miller v. Great Western Commission Co.* Supreme Court of Nebraska. 152 N. W. 787.

Limitation of Carrier's Liability.—A carrier of goods may limit its liability by stipulation in the B/L for loss of a foreign shipment, although it will be liable for loss occurring through an excepted cause, if its negligence contributed thereto.—*Texarkana & Ft. S. Ry. Co. v. Brass.* Court of Civil Appeals of Texas. 175 S. W. 778.

Carbon Copy of B/L.—Carbon impressions of B/L made at the same time are the same as originals; and, where it is shown that one copy was given to the railroad company and one copy retained by the consignee, either may be offered as primary evidence.—*Wilkes v. S. V. Clark Coal & Grain Co.* Supreme Court of Kansas. 148 Pac. 769.

Carrier's Liability.—Where potatoes when delivered to a carrier were ripe and in sound order, proof that, when received by the consignee, they were in a damaged condition, although shipped in refrigerator cars, make out a prima facie case of liability against the carrier.—*Denver & R. G. Ry. Co. v. A. Peterson.* Supreme Court of Colorado. 147 Pac. 663.

Measure of Damages for Carrier's Delay.—Where a carrier not only admits its failure to carry goods by the prescribed route, but admits a delay of 28 days before arrival of the goods at their destination, the measure of damages therefor is the difference between the value of the goods when delivered and when they should have been delivered.—*Detmer-Wallen Co. v. Delaware, L. & W. R. Co.* Supreme Court of New York. 153 N. Y. Supp. 287.

Validity of Future Contract.—A written contract for the sale of cotton, valid on its face, was attacked by the seller as a wagering contract. It was not error to instruct the jury in substance that, in order to render the contract void as being a wagering contract, it must appear, not only that the seller had, at the time of entering into the transaction, no intention of delivering the cotton, but also that the buyer knew the seller's intention in the premises.—*Richter v. Kilpatrick.* Supreme Court of Georgia. 85 S. E. 319.

Time Limit for Filing Claim.—The stipulation of a telegraph blank requiring notice in writing within 60 days, of claim for damages, was satisfied by commencing an action, by serving of summons, within 60 days after sending two messages, for failure to deliver the first and delay in delivering the second, though at the same time notice of claim on account of the second message only was given, the company not having thereby been misled to its damage, and though the complaint was not filed till after the 60 days.—*Mason v. Western Union Tel. Co.* Supreme Court of North Carolina. 85 S. E. 384.

Suit for Failure to Furnish Cars.—Under Laws 1907, p. 453, defining the rights of shippers and the duties of carriers when cars are required for the shipment of freight, and section 21 thereof, providing that no action to recover damages for failure to furnish cars shall be sustained unless brought within one year after the cause of action accrued, an action for damages for refusal to furnish a car on demand in September, 1912, not commenced until May, 1914, was barred, although in the absence of statute such suit might be brought within three years.—*St. Louis, I. M. & S. Ry. Co. v. Paul.* Supreme Court of Arkansas. 176 S. W. 327.

Refusal to Accept.—Where a buyer refused to accept part of the goods shipped by the seller and was directed to return them, the buyer became the seller's agent in returning the goods, and his delivery to a common carrier was delivery to the seller, relieving him from liability for the carrier's nondelivery.—*Dude v. Liberty.* Supreme Court of New York. 153 N. Y. Supp. 577.

Carrier Liable for Loss by Flood.—When a car containing a shipment of goods by plaintiff reached the carrier's yards, the water in a river, by reason of an unusual freshet, was 23/5 feet higher than the highest previous record. The water continued to rise until it reached unslacked lime in another car in the yards, causing the lime to burn and destroy plaintiff's goods. Held, that the carrier's negligence, if it was negligent in placing plaintiff's goods near the car of lime, was the proximate cause of the destruction of the goods.—*Barnet v. New York Central & H. R. R. Co.* Supreme Court of New York. 153 N. Y. Supp. 374.

Offer and Acceptance-Damages.—Where one party makes a definite offer for the sale of a commodity, there must be an acceptance by the other, absolute and identical with the offer, before a contract results; but ordinarily silence on the part of the one to whom the offer is made is not an acceptance, though there may be instances where he is bound by law to expressly decline the offer, in which case failure to do so results in a binding contract. A seller suing for damages for the buyer's breach of a contract to buy clover seed at a stated price f. o. b. cars, to be delivered at a certain place on a certain day, was bound to show his readiness, willingness, and ability to perform the contract.—*Weishut v. K. Layton & Layton.* Superior Court of Delaware. 93 Atl. 1057.

Carrier's Duty to Spot Cars.—A contract by a carrier to pay a shipper 20 cents per ton for the shipper "spotting" cars on its own track is a contract for the performance by the shipper of a duty which the carrier owes to place each car so that it can be unloaded, and in the absence of anything to show that the service performed by the shipper is not worth the agreed price, the contract does not provide for the payment of a rebate, in violation of Interstate Commerce Act Feb. 4, 1887, c. 104, 24 Stat. 384, but is within section 15 thereof inserted by Act June 29, 1906, c. 3591, 34 Stat. 589 (U. S. Comp. St. 1913, § 8583) providing that, where the owner of property transported under the act directly or indirectly renders any service connected with the transportation, an allowance therefor shall be no more than is just and reasonable.—*N. Y. C. & H. R. R. Co. v. General Electric Co.* Supreme Court of New York. 153 N. Y. Supp. 478.

Landlord's Lien.—A tenant and his landlord having a lien on the tenant's crops removed cotton raised on halves to be ginned and prepared for market, and after it was ginned delivered the warehouse receipts therefor to a bank which had a chattel mortgage on the tenant's interest, with instructions to sell the cotton when it reached a certain price. The landlord had no understanding with the bank that the proceeds after payment of the bank's claim should be applied on his lien, nor did the tenant agree that such excess should be so applied by the bank. Held, that, under the statutes giving landlords a lien on the crops raised by the tenant, such lien to exist for one month after the removal of the crops, and Rev. St. art. 5478, providing that the removal of crops with the consent of the landlord to be prepared for market shall not be a waiver of the lien, but that it shall attach to the products so removed, the landlord lost his lien by consenting to delivery of the tickets to the bank and that the cotton might be sold by the bank, and a levy under a garnishment in an action against the tenant created a lien on the tenant's interest superior to the landlord's claim.—*Childress v. Harmon.* Court of Civil Appeals of Texas. 176 S. W. 154.

Miracle Wheat.—Where plaintiff, the editor of a publication purporting to be devoted to a religious propaganda, told his readers that an associate had accumulated Miracle Wheat, which he would sell to readers for \$1 a pound, and represented that the yield of Miracle Wheat was 10 to 15 times that of common wheat, report of the United States Department of Agriculture, charged by Rev. St. U. S. § 520 (Comp. St. 1913, § 788), with acquiring information on agricultural subjects, by section 526 (section 818) with preserving information on agriculture, etc., which reports, when duly authenticated, are receivable, for any proper purpose, under Code Civ. Proc. § 944, and Act Feb. 9, 1889, c. 122, 25 Stat. 659 (U. S. Comp. St. 1913, § 789), to the effect that Miracle Wheat was no more prolific than ordinary brands of wheat, was admissible.—*Pastor Charles T. Russell v. Brooklyn Daily Eagle.* Supreme Court of New York. 153 N. Y. Supp. 451.

Obstructing Sidewalk at Warehouse.—A warehouseman engaged in the purchase and storage of cotton seed adopted a contrivance to convey the seed from his warehouse over the sidewalk in a city to cars, by placing benches on the sidewalk and laying planks on them, over which the seed was carried in wheelbarrows. When not in use the contrivance was taken down and the benches were placed on the edge of the sidewalk. On the day of the plaintiff's injury the benches were observed by him to have been placed on the edge of the sidewalk. A rainstorm of not unusual severity, with wind blowing sufficiently strong to move the benches to the middle of the sidewalk, occurred about dark, and the electric street lights were extinguished. About 9 o'clock the plaintiff, while walking on the sidewalk, and on account of darkness not being able to see the benches, which lay in the middle of the sidewalk, fell over them and was injured. Upon these facts being made to appear, it was for the jury to say whether negligence of the warehouseman was the cause of the injury.—*Davis v. Buckeye Cotton Oil Co.* Supreme Court of Georgia. 85 S. E. 335.

Buyer f. o. b. Controls Routing.

A decision in favor of Files-Thomson Co., of Indianapolis, Ind., plaintiffs, against McKenna & Rodgers, of Chicago, Ill., defendants, has been rendered by the arbitration com'te of the Grain Dealers National Ass'n, composed of E. M. Combs, L. W. Gifford and Elmer Hutchinson. The com'te held:

The evidence shows that plaintiffs ordered this shipment via the Big Four and that cars M. K. & T. 75189 and NYC 108743 were shipped on this contract via the Lake Shore & Michigan Southern from Chicago to Elkhart, thence via the Big Four to Indianapolis, which billing was not in accordance with plaintiffs' instructions.

Shipments routed via L. S. & M. S. and Big Four, as these two cars were, could not be forwarded to Virginia common points except at a combination of the local rates to and from Indianapolis, which were 6 and 15 cents, respectively, making a total through rate of 21c.

It is the opinion of this com'te that these oats having been sold f. o. b. Chicago, the plaintiffs had the right to control the routing and if defendants could not fully comply with plaintiffs' instructions it was defendant's duty to communicate with plaintiffs and arrange for other routing; and as they did not do this, but forwarded the oats out of Chicago via the L. S. & M. S. when their instructions were to make shipment via the Big Four they (the defendants), are responsible for any loss suffered by the plaintiffs on account of this improper routing.

The ruling of this committee is that McKenna & Rodgers pay to the Files-Thomson Co. 8c per 100 pounds on 71,495 pounds or \$57.20, and that McKenna & Rodgers pay the cost of this arbitration.

EIGHTY FULL CARGOES of wheat controlled by the British government are said to be en route to England, or under charter.

Supply Trade

CHICAGO, ILL.—The John S. Metcalf Co. has moved its offices to larger and more convenient quarters on the 7th floor of the Woman's Temple.

SAN FRANCISCO, CALIF.—A. H. McDonald of Chicago has opened a branch office in this city. His daughter, Mrs. W. X. MacCollin will be in charge.

NEW YORK CITY.—The De Mayo Operating Co., Inc., has been incorporated to manufacture conveying machinery for grain coal, sand, etc. Capital stock \$400,000.

GREAT FALLS, MONT.—A company to be known as the Empire Construction Co., has recently been organized to erect elevators and to handle mill and elevator supplies in Montana.

ADVERTISING is the fire and fuel under the boiler—but first be sure that you have no leaky boiler and that every part of the machinery is performing its functions.—E. E. Critchfield.

NEBRASKA CITY, NEBR.—J. W. Berger has received patent on his steel grain door. It is being experimented with by the Burlington Route, and if found successful it will be adopted.

THE GENERAL ELECTRIC CO. cordially invites grain dealers to make their headquarters while at the Panama Pacific International Exposition at its exhibits: G-E Home Electrical, Palace of Manufacturers and G-E Railway Exhibit, Palace of Transportation.

ST. LOUIS, MO.—The Richardson Scale Co. has opened an office in the Chemical Bldg. M. Bulleman, who is in charge, will cover the Missouri Territory.

AN ATTEMPT to tell the public you have a "world beater" in a small advertisement is as incongruous as a small man posing as a giant. It is like trying to bring down a Zeppelin with a slingshot.—M. V. Kelley.

ADVERTISING is not merely attracting the reader; advertising is convincing him. A man is not going to spend his money on a phrase or a funny picture. He wants facts. And a woman wants figures—prices!—*Montreal Star*.

MINNEAPOLIS, MINN.—By careful application and personal attention to all the details of the business, L. E. Taylor & Co. have advanced to the front rank in the elevator and machinery equipment business. They are now distributing to prospective customers a beautiful illustrated catalog, showing their popular Englehart Flexible Spout Holder and the up-to-date elevator machinery and mill equipment which they handle.

WHEAT PRODUCTION of New South Wales is estimated at 12,800,000 bus. for 1914-15 by the latest government report. This is 2,900,000 bus. less than shown by an earlier estimate, the decrease resulting from extremely dry weather. Including the wheat held over the total wheat available is 14,200,000, about 300,000 less than the local annual consumption, but to offset this apparent shortage millers are said to be holding 900,000 bus. Total area of wheat aggregated 4,149,994 acres, of which 439,743 failed entirely.—Consul Gen'l J. I. Brittain, Sydney, Australia.

Hay Ass'n to Meet at Niagara Falls.

The 22d annual convention of the National Hay Ass'n will be held at Niagara Falls, N. Y., July 6, 7 and 8, with headquarters at the International Hotel.

The first day, July 6, will be devoted to reports of directors, legislation com'te, and com'te on "Systematic and Improved Methods," and Chief Inspector F. M. Roby.

Wednesday, 9:30 a. m., July 7.

Report of State Vice Presidents—R. H. Menefee, Chairman, Louisville, Ky.

Report of Com'te on Statistics—J. E. Collins, Chairman, Cincinnati, O.

"The State of New York"—Francis M. Hugo, Secretary of State, Albany, N. Y.

Report of Com'te on Transportation—C. E. Nichols, Chairman, Lowell, Ind.

"Why You Should Affiliates with the National Hay Association"—Sam T. Rice, Metamora, Ohio.

Wednesday, 1:30 p. m., July 7.

Arbitration Com'te Report—James W. Sale, Chairman, Bluffton, Ind.

"Uniform Bill Lading"—Hon. Atlee Pomerehne, M. C., Canton, O.

Report of Grades Committee—F. L. Young, Chairman, Lansing, Mich.

Report of Secretary-Treasurer—J. Vining Taylor, Winchester, Ind.

Open session for one hour discussion.

Discussion, "Baling, Weights," Etc.—Led by W. A. Bunting, Jackson, Mich.

Paper, "Uniform Discounts"—D. W. McMillen, Van Wert, O.

Thursday, 9:30 a. m., July 8.

Report of Com'te on Board of Directors' Report.

Report of Resolution Com'te.

Installation of Officers.

Adjournment.

A banquet will be given Wednesday evening in the main dining hall of the hotel.

The hay exhibit will be on the promenade.

Entertainment will include ladies' reception at 10:30 a. m., and Gorge ride at 2 p. m., Tuesday. Wednesday's entertainment will be a ladies' card party in hotel parlors, light refreshments served; drive about the falls, visit to Shredded Wheat plant, and ball in the ball room.

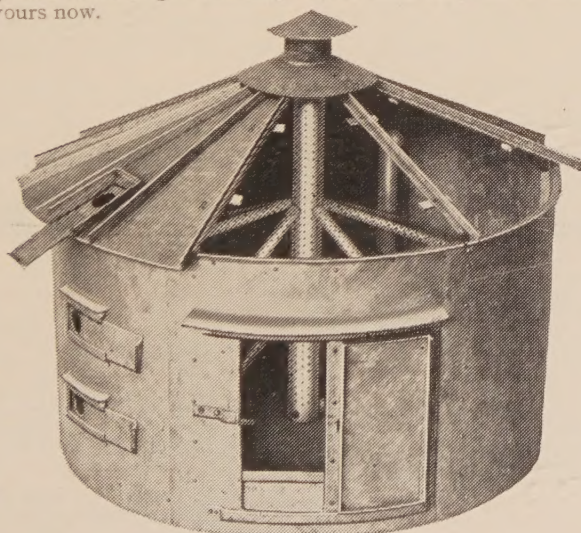
A low rate excursion will be operated by the Toledo, St. Louis & Western Railroad from St. Louis and stations east, to Niagara Falls. On other roads summer tourists' tickets will be on sale.

THE GRAIN DEALERS JOURNAL is always a welcome visitor at our office.—Renkes Bros., Morrison, Ill.

IN THE PROPOSED government definitions of flour there is specific regulations as to the maximum amount of nitrogen to be contained in certain grades of flour, and the maximum amount of ash, and the maximum amount of fiber, all of which are to be calculated to a moisture content of the flour of 11 per cent. It is furthermore proposed that weights stated on packages shall be based on the water content of the flour enclosed in that particular container; for example, a barrel of flour shall contain 196 pounds of flour when calculated on the basis of 11 per cent of moisture, or 174 pounds of water-free flour. Each of you with any milling experience can immediately see some impossible situations created by such restrictions were they put into effect. The restrictions first would add enormously to the cost of manufacturing flour, this falling particularly on the small miller, who would be required practically to maintain a chemical laboratory in connection with his mill, which of course, the volume of his output would not justify.—Pres. Mark N. Mennel, before Millers' National Federation.

Hold Your WHEAT

in a Perfection Portable Metal Grain Bin, which can be set up in 2 hours, and grain run in bin from Separator. Fire and lightning proof, vermin and weather proof. This Bin with our **Perfection Ventilating System** is worth two bins of other makes now on the market, and there is no danger of grain overheating or molding. 1,000 bushel capacity. Order yours now.



Patents Applied For

Write right now for our new catalog and further particulars. We can furnish all kinds of Grain Handling Machinery and Elevator Supplies. Agents wanted.

L. E. TAYLOR & CO.

316 FLOUR EXCHANGE

MINNEAPOLIS, MINN.

Insurance Notes.

THE NEW INSURANCE LAW enacted by the Illinois legislature, permits the organization by 20 or more persons of mutual insurance corporations, other than life.

MILLERS MUTUAL CASUALTY INS. CO., Chicago, has moved from the 20th floor of the Insurance Exchange Bldg., to larger quarters on the 19th floor of the same building.

ENFORCEMENT of the new Minnesota insurance law, giving Com'sner S. D. Works supervision over all rating bureaus in the state, has resulted in the filing with him of 12 suits, each alleging that the plaintiffs have been overcharged on fire insurance.

SIX workmen's compensation bills, passed by the last Pennsylvania legislature, have been approved by Gov. Brumbaugh, establishing a complete system of compensation and a state insurance fund. A constitutional amendment has been proposed to make compensation compulsory.

THE FIRE WASTE for the state of Oklahoma during May, as reported by C. C. Hammonds, state fire marshal, reached \$327,476.88, exceeded on only two previous occasions. The report of the marshal calls attention to the large number of elevator and mill losses, and urges owners of these establishments to inspect them carefully and often.

INSURANCE SUPERINTENDENT of Missouri on June 15 directed all insurance companies in the state to reduce their insurance rate on wheat in the counties of Scott, Mississippi, New Madrid, Pemiscot, Dunklin, Stoddard, Cape Girardeau, Ripley, Bollinger and Butler from \$1.25 per \$100 valuation to \$1. This is a restoration of last year's rate.

SAFETY BULLETIN No. 7 of the Millers Mutual Casualty Ins. Co., Chicago, to elevator and mill employes, is a warning against hernia, or rupture. Under the head of avoiding rupture the company prints a list of "Don'ts," and advises the strengthening of body muscles according to exercises prescribed in the bulletin. The curing of a rupture by operation is also explained.

SAFETY FEET for ladders in elevators are being recommended and marketed by the Millers Mutual Casualty Ins. Co., Chicago. The device is bolted to the bottom of a ladder and is provided on the under side, or that which rests upon the floor, with carborundum. Whether a floor be made of wood, stone or metal, it is impossible for a ladder so equipped to slip. The company is offering the serviceable little appliance to the elevator trade at cost.

AS A RESULT of the new Iowa insurance law the Western Grain Dealers Ass'n has established its own rating bureau in charge of Sec'y Geo. A. Wells, Des Moines. The new bureau will fix the basis rates on elevators, warehouses and corn cribs, and the Western Grain Dealers Mutual Fire Ins. Ass'n will adopt the rates made by that bureau on all policies written on elevators, warehouses or corn cribs and their contents. The Ass'n is in excellent condition to comply with the new Iowa law, and in establishing its own rating bureau it simply files the basis rate which it has been applying without discrimination to all risks insured since its organization. Any discrimination in the application of its basis rates the Ass'n believes would be an injustice to its members.

IOWA'S NEW INSURANCE LAW, taking effect July 4, is expected to end the indiscriminate rate cutting by fire insurance companies, practiced for the last 11 years. The bill provides for the supervision and examination of insurance rating bureaus by the com'sner of insurance, provides for inspection and survey of all insurance risks specifically rates and requires insurance concerns to adopt insurance bureau rating or to maintain or co-operate in maintaining and operating insurance rate making bureaus. The bill also authorizes a hearing upon and review of the rates fixed by any such bureau for insurance upon property in the state of Iowa, prohibiting discrimination in the fixing and collecting of rates, and also rebates of premiums paid under such rates. Penalties are fixed for violation of the act.

Crop Improvement.

A BETTER OATS CHART will be sent free of charge by the Crop Improvement Com'ite, Chicago, to any school or community sufficiently interested in the subject to hold a meeting on obtaining a better and larger yield of oats.

THE WILD ONION is the first of noxious weeds to be fought by the Crop Improvement Com'ite, Chicago. The Com'ite has just started a campaign for elimination of weed seeds from grain. Captains are to be appointed in different sections to see that the work is done thoroughly.

THE AVERAGE YIELD of corn for Hamilton County, Ohio, last year was only 28 bus. to the acre, a loss to the community of \$28,000, according to D. R. Van Atta, agricultural agent of that county. Mr. Van Atta strongly recommends the thorough testing of seed corn, believing that the low yield is due to poor seed.

IN FIGHTING Hessian fly cut wheat above the second joint, remove the grain from the field and stack it somewhere else. The fly is now in the resting stage, and the safest way and only sure plan is for every farmer to plow every acre deeply and thoroughly within two weeks after harvest, turning under the stubble completely and then dragging early.—Crop Improvement Com'ite.

THE ANNUAL CORN growing contest for farmers of Hamilton County, Ohio, will be continued this year by the Cincinnati Chamber of Commerce. Contestants must grow 5 acres or more on one continuous piece of land and the winner will be sent to the Farmers Week celebration at Columbus next year, all expenses paid. Entries must be sent to the Agricultural Com'ite, Cincinnati Chamber of Commerce, before Aug. 1.

THE CROP IMPROVEMENT COM'ITE, Chicago, is devoting the forthcoming number of its monthly to wheat, covering the subject from the selection of seed to the harvest. Fifty copies of the paper will be sent to each organized wheat seed center, which has decided to use only the one variety of the grain best adapted to local conditions, soil and climate. In these centers the one standard quality will eventually assure the entire neighborhood that shipments to terminal markets are free from weeds or other grain mixtures.

THOUSANDS OF ACRES of waving wheat are reported by Kansas train crews to cause much "seasickness" among passengers. Careful observers, however, have noticed that a too popular canteen on board a train in dry territory will have the same effect.

War Affecting the Grain Trade.

ITALY has suspended the duty on all grain until January, 1916.

HUNGARIAN GOVERNMENT has requisitioned all growing crops and has placed an embargo on exports except corn up to August, 1916.

CANADIAN BOAT INTERESTS are reported as turning over to Great Britain all of their vessels which can clear the Welland Canal. The ships are to carry munitions of war to England.

TWO CARLOADS of corn have been shipped from Laredo, Tex., to Monterey, Mexico, to be distributed by the Red Cross. The corn was ordered by United States Consul Garrett of Nuevo Laredo.

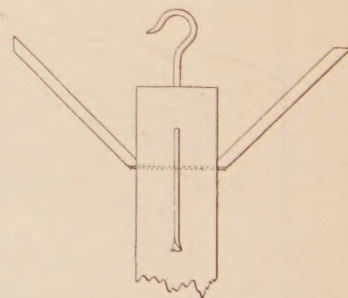
STAGNATION to business in France is reported as a result of the government requisitioning wheat at \$6.86 per 480 lbs., as the grain is considered worth \$7.93. Further buying is necessary, but merchants are waiting, fearing losses. As seeding was light and harvest labor short, crop indications are supplies will be far from ample.

GOVERNMENT OF AUSTRIA has announced that it will take under control the entire harvest soon to be gathered, buying all except that required to feed the rural population. House to house visits are being made by domestic instructors with the idea of showing the poorer classes how to prepare appetizing dishes from the cheapest of materials.

BRITISH STEAMER CARISBROOK of Glasgow, carrying a cargo of grain from Montreal for Leith, Scotland, was sunk by a German submarine on June 21 near Kinnairds Head. The vessel had a narrow escape from German cruisers in the South Atlantic during the early stages of the war. Eleven of the crew were saved, but 13 are unaccounted for.

Patents
Granted

Seed Corn Hanger. No. 1,142,484. (See cut.) E. E. Brown, Persia, Ia. A hanger composed of wood is provided with hanging or sustaining means, and flat steel bars,



1,142,484.

forced thru the wood and twisted adjacent the opposite faces, provide means for holding in position the ear corn to be dried.


AN ENTERPRISING GROWER near Jerseyville, Ill., has made a chinch bug "vacuum cleaner" with a gasoline engine, suction fan, hose and nozzle. The whole is placed on a wagon and driven thru a wheat field with the nozzle about a foot from the ground. The bugs and bits of dried straw are "sucked" into the barrels. An area 8 feet wide is covered by each trip of the wagon.

The GRAIN DEALERS JOURNAL.

ORGANIZED 1902
**TRI-STATE MUTUAL GRAIN
 DEALERS FIRE INSURANCE CO.**
 LUVERNE, MINN.
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 Sheet Metal Contractors, Makers of Fireproof
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Corn and Oat Tables
 —ON CARDS—

Clark's Tables for wagon loads reduce
 any number of pounds of shelled corn,
 rye, flaxseed, ear corn and oats up to
 4,090 pounds to bushels of 56, 70, 72, 75,
 80 and 32, 33 and 35 pounds. Printed
 in two colors on heavy bristol board.
 Can be hung up beside scale beam for
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Grain Dealers Journal
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How easy it is to sell
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 would send in your ad
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Try it. At least ask
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 others.

GRAIN DEALERS JOURNAL
 LA SALLE ST., CHICAGO.

INCORPORATED 1877
**The Millers' Mutual Fire Insurance
 Association of Illinois**
 ALTON, ILLINOIS

Insures Elevators, Mills, Grain Warehouses and Contents
 of same at Cost.

Insurance in Force \$24,011,664.48. Cash surplus \$531,396.68

H. B. SPARKS, President G. A. McKINNEY, Secretary

HOME OFFICE: Alton, Illinois

WESTERN DEPARTMENT: Mr. Rollie Watson, Mgr., 402 Sedgwick Bldg., WICHITA, KANSAS



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SERVICE FREE

to policy holders of the
 following companies:

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Are you, Mr. Property-
 owner, one of the 15,000
 to whom this enormous fire
 waste is chargeable?

YOU ARE

if you have ever had a fire.

MUTUAL FIRE PREVENTION BUREAU - OXFORD, MICH.

MILLERS NATIONAL INSURANCE CO.
 OF CHICAGO, ILL.
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 OF CANTON, OHIO.
 PENNSYLVANIA MILLERS MUTUAL FIRE INS. CO.
 OF WILKES-BARRE, PA.
 MILL OWNERS MUTUAL FIRE INSURANCE CO.
 OF DES MOINES, IA.
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 OF HARRISBURG, PA.
 TEXAS MILLERS MUTUAL FIRE INSURANCE CO.
 OF FORT WORTH, TEXAS.
 MICHIGAN MILLERS MUTUAL FIRE INSURANCE CO.
 OF LANSING, MICH.
 GRAIN DEALERS NATIONAL MUTUAL FIRE INS. CO.
 OF INDIANAPOLIS, IND.

DUPLICATING SCALE TICKET BOOK

No. 62 is designed especially for country dealers who use scale tickets. It is a book 9x12 inches, check
 bound in heavy board covers. It contains 200 sheets, 100 white sheets being interleaved with 100 manila
 sheets. On one side of the white sheets are printed 8 scale tickets and the sheet is perforated so that
 each ticket can easily be removed. Each ticket is printed, ruled and spaced for the following informa-
 tion: Date; Bot of; Price per Cwt; Price per bu.; Driver on, Off; Gross; Tare and Net Lbs.; Net Bus.;
 Weigher. A sheet of carbon is placed between the white and manila sheets, so that the weigher tears
 out a ticket and gives to each driver, retaining a carbon copy of it. 800 tickets in each book with a rub-
 ber stamp for quickly filling in name of buyer. Price \$1.25.

GRAIN DEALERS JOURNAL, La Salle St., Chicago, Ill.

Profit and Loss

**GRAIN
 DEALERS JOURNAL**

315 So. La Salle St., Chicago, Ill.

Gentlemen:—In order that I may increase my profits and avoid
 losses by keeping well-posted, please send me the *Grain Dealers
 Journal* on the 10th and 25th of each month. Enclosed find One
 Dollar and Fifty Cents for one year's subscription.

Name of Firm.....

Capacity of Elevator.....

Post Office.....

.....bus.

State.....

POUNDS TO BUSHEL

AT A GLANCE

Direct Reduction Grain Tables

32 lbs. per bushel — OATS

Pounds	32 lbs.	56 lbs.	60 lbs.	70 lbs.	75 lbs.
100	3.125	1.786	1.667	1.429	1.333
110	3.409	1.964	1.818	1.579	1.481
120	3.690	2.143	2.000	1.724	1.600
130	3.968	2.323	2.174	1.875	1.733
140	4.243	2.500	2.353	2.024	1.867
150	4.515	2.679	2.538	2.179	2.000
160	4.784	2.857	2.727	2.333	2.133
170	5.051	3.036	2.917	2.481	2.267
180	5.315	3.214	3.111	2.632	2.400
190	5.577	3.393	3.309	2.786	2.533
200	5.837	3.571	3.500	2.941	2.667
210	6.095	3.750	3.692	3.099	2.800
220	6.351	3.929	3.889	3.259	2.933
230	6.605	4.107	4.089	3.421	3.067
240	6.857	4.286	4.286	3.583	3.200
250	7.107	4.464	4.481	3.747	3.333
260	7.355	4.643	4.682	3.913	3.467
270	7.602	4.821	4.889	4.081	3.600
280	7.847	5.000	5.093	4.250	3.733
290	8.090	5.179	5.299	4.421	3.867
300	8.333	5.357	5.500	4.594	4.000
310	8.574	5.536	5.706	4.769	4.133
320	8.813	5.714	5.917	4.946	4.267
330	9.051	5.893	6.125	5.125	4.400
340	9.288	6.071	6.333	5.306	4.533
350	9.523	6.250	6.545	5.489	4.667
360	9.757	6.429	6.762	5.674	4.800
370	9.989	6.607	6.981	5.861	4.933
380	10.220	6.786	7.200	6.050	5.067
390	10.450	6.964	7.421	6.241	5.200
400	10.679	7.143	7.647	6.433	5.333
410	10.907	7.321	7.875	6.627	5.467
420	11.134	7.500	8.106	6.823	5.600
430	11.360	7.679	8.339	7.021	5.733
440	11.585	7.857	8.573	7.221	5.867
450	11.809	8.036	8.809	7.423	6.000
460	12.032	8.214	9.047	7.627	6.133
470	12.254	8.393	9.286	7.833	6.267
480	12.476	8.571	9.528	8.041	6.400
490	12.697	8.750	9.771	8.250	6.533
500	12.917	8.929	10.017	8.461	6.667
510	13.136	9.107	10.265	8.674	6.800
520	13.354	9.286	10.514	8.889	6.933
530	13.571	9.464	10.765	9.106	7.067
540	13.788	9.643	11.017	9.325	7.200
550	14.004	9.821	11.271	9.546	7.333
560	14.219	10.000	11.527	9.769	7.467
570	14.433	10.179	11.784	9.994	7.600
580	14.646	10.357	12.043	10.221	7.733
590	14.858	10.536	12.303	10.450	7.867
600	15.069	10.714	12.565	10.681	8.000
610	15.279	10.893	12.828	10.913	8.133
620	15.488	11.071	13.093	11.147	8.267
630	15.696	11.250	13.359	11.383	8.400
640	15.903	11.429	13.627	11.621	8.533
650	16.109	11.607	13.896	11.861	8.667
660	16.314	11.786	14.167	12.103	8.800
670	16.518	11.964	14.439	12.347	8.933
680	16.721	12.143	14.713	12.593	9.067
690	16.924	12.321	14.988	12.841	9.200
700	17.126	12.500	15.265	13.091	9.333
710	17.327	12.679	15.543	13.343	9.467
720	17.527	12.857	15.823	13.596	9.600
730	17.726	13.036	16.104	13.851	9.733
740	17.924	13.214	16.386	14.108	9.867
750	18.121	13.393	16.669	14.367	10.000

At this season of the year when the wagons are lined up at your elevator, every minute saved in handling the loads increases your receiving capacity. You can prevent many costly errors and save a great deal of time by using our

DIRECT REDUCTION GRAIN TABLES IN FRAME

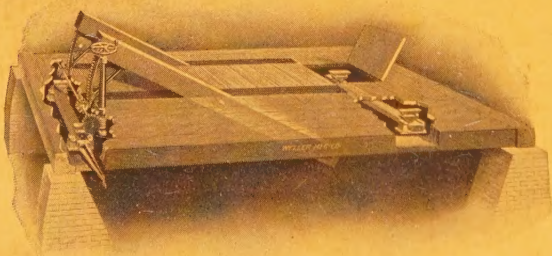
This box frame contains five cards with marginal indexes, giving reductions of any number of pounds from 100 to 5090 by 10 pound breaks, for Oats at 32 lbs.; Shelled Corn, 56 lbs.; Wheat, 60 lbs.; and Ear Corn, 70 lbs. and 75 lbs. to the bushel. Figures are printed in bold faced type which can be read easily from a distance, and put up in a slotted basswood frame with glass front, so that the table needed may be placed in front. The frame not only protects the cards, but keeps the set in compact form so it may be hung near the scale beam for ready reference. Size 12x12 inches. Price \$1.50.

Send all orders to

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WELLER-MADE

The Wagon Dump That Has No Equal



The Weller Worm Geared Wagon Dump has no chains to break and no brake to slip and injure horses or wagons.

Does away with all former objections and is self-locking in any position.

Can be used with Standard Dump or Hay scales.

WELLER MFG CO.

CHICAGO

Grain Receiving Register

This book is designed to facilitate the work of the country grain man in keeping a record of wagon loads of grain received.

At top of the 11 columns are printed Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount, and Remarks.

Each book has 100 pages, 8½ x 14 inches, and each page 40 lines, making each book contain spaces for records of 4,000 loads. The book is well printed and ruled on linen ledger paper, and substantially bound in extra heavy canvas covers. Order Form 12AA. Price \$1.50.

GRAIN DEALERS JOURNAL, LaSalle St., Chicago, Ill.

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in the operation of our own driers in Chicago has enabled us to produce a grain drier which is the "highest class machine of its kind in existence." The following features are characteristic of the **ELLIS DRIER** and are the result of 15 years actual, everyday experience in drying with our own machines.

**DOUBLE PRESSURE SYSTEM OF AIR APPLICATION;
CONTINUOUS FEED; RETURN AIR SYSTEM; WOVEN
WIRE CLOTH DRIER FRAME CONSTRUCTION.**

It will be well worth your while to investigate these features.

Grain Driers **THE ELLIS DRIER CO.** Oat Bleachers
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SPECIFY THE ELLIS: It will NOT crack, blister nor discolor the grain.

Advantages of placing your business with a reliable corporation backed by an experience of many years.



Sample of inquiries we receive

"Years ago we had you install a dust collecting system in our elevator. We write to know if you know the exact size of the Dust Collector connected with our Clipper and also for Cleaner and can furnish new ones so an ordinary workman can remove the old ones and replace new ones in their place."

We make and keep on file tracings of all our installations and are always able to comply with such requests duplicating exactly or giving correct information as to any changes that may be desired or required.

A word to the wise is sufficient.

Our booklet on **Dust Collectors and Dust Collecting Systems** for the asking

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